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THE INDUSTRIOUS HEN



ONE YEAR 50c---THREE YEARS \$1
AN ILLUSTRATED MONTHLY
FOR
POULTRY, LIVE STOCK AND THE FARM

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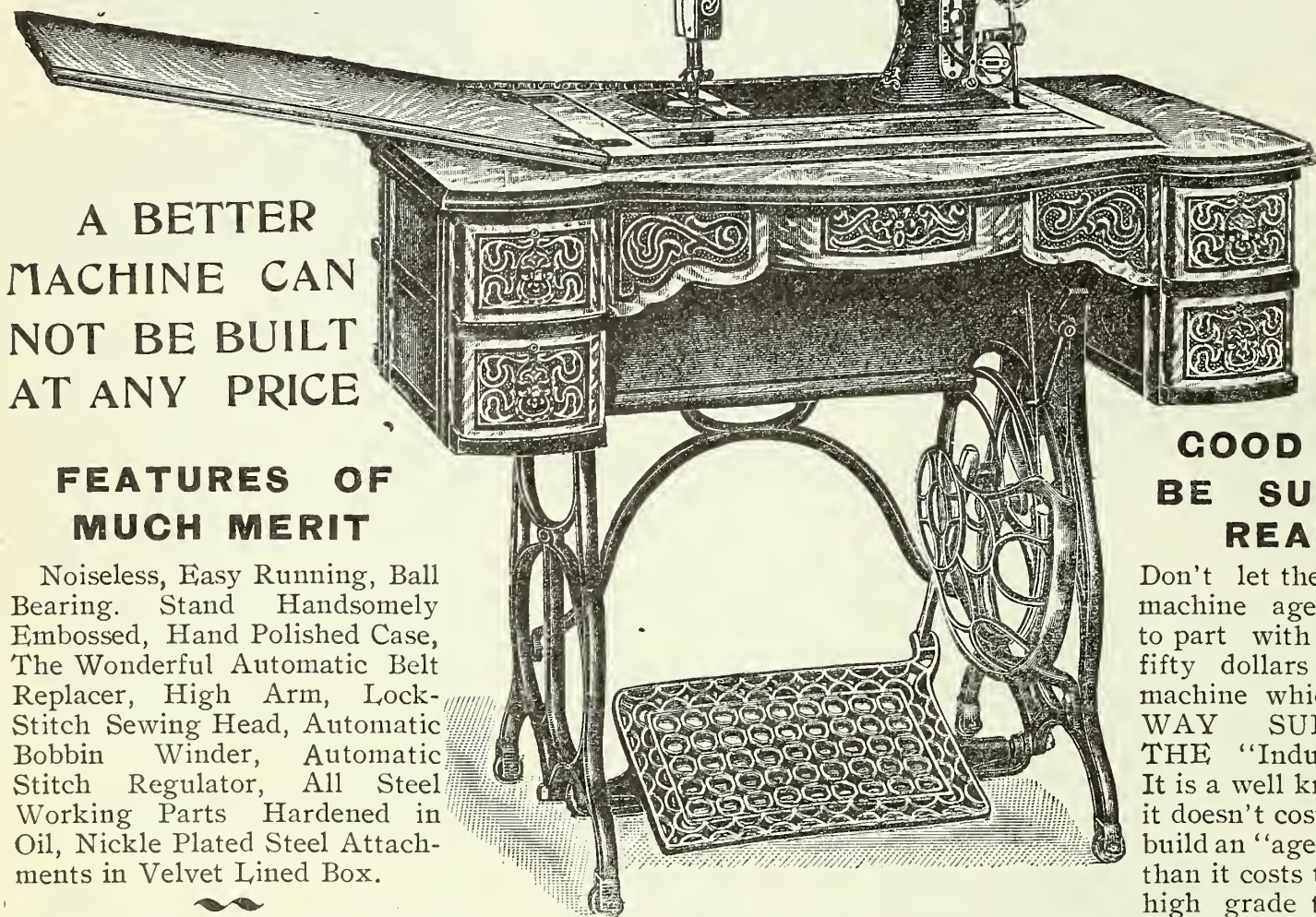
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THE INDUSTRIOUS HEN

An Illustrated Monthly for Poultry, Live Stock and the Farm

Vol. 8

Knoxville, Tenn., June, 1911

(Whole No. 85) No. 1

The Poultryman's Opportunity in the South

By W. M. BROWN, Professor of Agriculture, Hixon, Tennessee



I HAVE for the past few months heard a great deal about the "high cost of living" and that the wages are not keeping pace with the articles the city man must purchase. This cry has been followed in many places by the "back-to-the-country movement." The cities have become too great an attraction for our people whose business it is to work the soil, and consequently so many have left the farms to

work in sweatshops of various and sundry kinds, that now there is scarcely enough labor to work the farm, and there must be a drift in the opposite direction.

The men who have had a taste of city life and are now wanting to return to the farm, have seen that the men in the city who succeed are the men who apply thorough business principles to their work. When they get back to the country, they are led to make the attempt, at least, to apply some systematic methods to their work. I conscientiously believe that the South offers such men, as well as all inclined to love farm life, more and greater opportunities than any other section in the United States. The field is greater for the poultryman and those as yet engaged in the business are few, as compared with the products that could be used here on our home markets. I have just recently been more thoroughly impressed than ever before with the great necessity for men in this line of work and of the great opportunity here for them.

At the poultry show held at Chattanooga, January 4-7, the Northern man who made entries took a large percentage of the prizes. This shows that he has been giving more attention to his business and knows the art of preparing birds for the shows better than some of our men who have only recently entered this field.

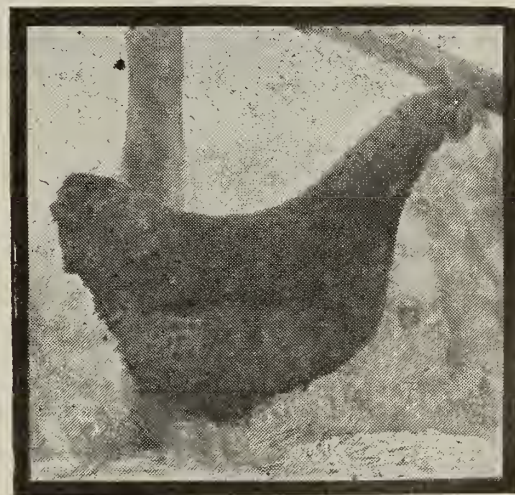
However, I would not dare take the least bit of honor from our Southern breeder, for I think that he deserves far more credit for what he has accomplished than our Northern brother, because as a general thing, he is yet inexperienced, and is not thoroughly acquainted with many of the small, yet important details that go to make the work a success. It is no presumption on our part, but a known fact that we can grow poultry here in the South. This fact is substantiated by thousands of prosperous breeders of poultry scattered throughout the bounds of the Southern states.

Two or three years ago at this place (Hixon, Tenn.) no one thought of growing any stock of chickens but the old mixture handed down from generation to generation. All honor be to Prof. Bright, who as a breeder of thoroughbred fowls and teacher of agriculture in our high school, inspired a number of our people, from the members of the grammar school to the older men, to begin anew in this business. We now have nearly a dozen men, boys and girls, who are interested in thoroughbred poultry, and two of our most prominent citizens are fanciers. These men, although having had but little experience beforehand, have taken their pro rata of blue ribbons at every show and fair in which they have made entries. What these men have done for this section any one can do for their community. The things we need most are interest, push, pluck and perseverance.

Going back to our subject again, there are many ways in which we possess advantages over our Northern neighbor. He must have the very best houses on account of the severe winters while we can build our chicken house at a much smaller cost because of our mild climate. We can produce our

feed much cheaper than he, and can produce two crops each year by using the intensive system of farming. Then we are here near a market for all the poultry we can grow, while the Northern man must ship his products down to us, and we pay the express. We have the better opportunity, still we are content to see the Northern man come down here and take our prizes, send us millions of dollars worth of poultry and eggs each year. Why not more men awake from their slumbers and grasp the opportunity that is knocking at their doors?

There are two phases of the poultry business, viz: the fancier, and the man who produces for the market principally. No matter which a person starts in for he is subject to a great many mistakes. The man who has determined to go into the poultry business has usually formulated a plan of his own, and although he is quick to ask advice, will cling to the old idea he has, and nothing short of an experiment will convince him of his wrong idea. The one trouble with most of our people is that they want to go into the business on too large a scale—they purchase a large number of costly birds, build expensive houses, buy costly incubators, brood-



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Rhode Island Red
Pullet, Frankfort,
Ky. Owned by
Geo. L. Wolfe,
Rogersville, Tenn.

ers, etc., and if a few failures come at first on account of not understanding the business, then disappointment and the whole thing is condemned.

We would advise the man or woman who expects to start in the poultry business to begin on a small scale and learn the work from every standpoint as the business gradually grows larger. Select the breed that you believe will best satisfy your conditions and your taste. Provide good, roomy, but not too expensive houses, runs, etc. Do not listen to the men who come around with the very thing you need, as they say, but be guided by the experience of older breeders. Do as much of your own work as possible, for this greatly increases the profits and the work is usually done better. Above all, start right. To start right spells success in nearly every case. To start with poor methods, a breed not suited to the purpose, appliances and houses that do not meet the requirements, even though they be expensive, will usually result in a failure.

The Southern Fancier and the A. P. A.

By T. REID PARRISH, Secretary-Treasurer of
Tennessee Branch American Poultry Association



DOES the fancier of the South appreciate the fact that the American Poultry Association members, in their selection of officers for this term, have given to the South a great deal more than we have any reason to claim as our just deserts? Have we in the last few years held up our end of this work? Will we in the next twelve months show our appreciation to the members throughout the world of

the very great prestige that has been given the South in the selection of Southern men as president, first and second vice-presidents and secretary and treasurer of this organization?

I believe that the South in other matters has in every instance done its part and generally a little more. I have confidence in the fancier and believe in this matter they will show their appreciation of these courtesies. I love the Southern fancier because he is a Southern man, but yet I cannot help but admire the Northern, Eastern and Western fanciers because of their aggressiveness. It is said of the Southerner that he is slow. Possibly this is no exaggeration, but yet if we are slow, we are just and staunch. We may have to be called three or four times to awaken us, but when awake, we are wide awake.

About five years ago Tennessee and the South lost one of the greatest workers that the poultry industry has ever had. This was when Mr. Reese V. Hicks gave up an established poultry journal in Tennessee to take over in Kansas one in its infancy. This change was made from the fact that Mr. Hicks could see the possibilities offered in Kansas, and the fact that in a single year he added to the American Poultry Association more than one hundred members, shows conclusively he has made no mistake in making this change. There is no man, work as hard as he may, that could accomplish the same results at that time in the South, but now it is different. I believe that the South today realizes the advantages of the American Poultry Association and is more appreciative of the privilege of membership in that Association than ever before in its history. I yet claim Mr. Hicks as a Southerner and a Tennessean, even though he is located in Kansas, and I am sure he loves the South and the Southern fancier, while for the West it is admiration that holds him. It would have been impossible for Mr. Hicks with THE INDUSTRIOUS HEN to achieve the success that is crowning him in Kansas. THE INDUSTRIOUS HEN and Mr. Audigier have made wonderful progress in the last five years, considering the unappreciative audience he has played to. I say you are unappreciative and listless from the fact that I love you, every one of you.

Mr. S. T. Campbell, secretary-treasurer of the Association, while a resident of Ohio, has always, and will ever have a very warm feeling and be very solicitous for the welfare of the Southern fancier.

The first and second vice-presidents are both Southern editors, and are working hard for the advancement of the South. Will the Southern breeders through their negligence, allow these two gentlemen to give up their work here and seek broader fields? At present I know that neither of these men are even remotely thinking of such a change, but there is a possibility in the future as in the past, for these as well as others awakening to the fact that the Southern fancier is slow to take hold of the good things in this life.

Some of you breeders who are not members of the American Poultry Association, and could not possibly give a legitimate reason why you are not, will undoubtedly be surprised to know that there are at least a half dozen States in the Union that has more American Poultry Association members than the entire South. Texas is practically the only Southern State that is doing her part in this matter. I feel that this is rather a Southwestern State than a Southern. It has now very nearly as many members as all the other Southern States combined. Kansas, up to three years ago, did not have as many members as Tennessee. Today it has as many as the entire South. Is this because Kansas is on the other side of the river? I cannot see any reason why this should affect matters.

Now, brother, the second week of August the Convention will meet in Denver. Application for membership will be taken up and charters for State branches issued. If your State has not a sufficient number of members to justify you

in making application for a State branch charter, see to it by all means that there is a sufficient number. It does not require a specified number to secure a State branch charter, but instill pride in your breeders to have a State branch with more than sufficient number of members to fill the required offices. Let's put the South where it belongs in this matter. Don't leave it to the other man to do something. Do it yourself. If you fail to get in application for membership before this meeting, you will have no other opportunity to have it acted upon for a year. You can write to Mr. S. T. Campbell, Mansfield, Ohio, for application blank and literature, or I will gladly furnish them, or your State secretary if you have a State organization. Now is the accepted time.

Gapes, the Cause, Symptoms and Cure



AT THIS season of the year almost every fancier of our most valuable and much-loved feathered fowl—the chicken—is using the incubator or the hen to raise young, either for the show or for family use, but we do not want our many readers to forget that we should guard against all diseases which the young chicken is liable to contract, especially the gapes, which destroys more young chickens than any other disease.

It is a disease that is caused by a small worm that occupies the upper air passages. All of the domestic fowls are attacked by it and some of the semi-wild birds. The worm is of a reddish color, and the female is about one-half inch long while the male is about one-fifth inch long. The male is constantly attached to the female. The head is broad and flat and arranged for sucking. Three or four of these worms will destroy a young chicken.

The symptoms of gapes are very easy to recognize, as the afflicted fowl or chick will have difficulty in breathing, and will open its mouth frequently to gasp for breath, sometimes coughing. Sometimes the mature worms are coughed out. The afflicted bird will stand about, with head down, and at intervals open its mouth as though gasping for air.

If there is any doubt as to the nature of the disease an examination of the throat should be made. This can be done by taking the bird up, holding its mouth open by pressing with the thumb and finger on each side of the beak, which will press the mouth open, so as to expose the throat. Death will result in some cases quickly, from suffocation, and sometimes slowly, from exhaustion and secondary diseases.

When this disease appears the afflicted ones should be immediately removed in order to prevent the distribution of the parasite. The worms can frequently be removed from the windpipe by introducing a loop made by doubling a horse hair, or sometimes by the use of a small clip, usually cut somewhat flat, so as to get it under the worm, thereby dislodging the worms and drawing them out. It is advised in some cases to cause the fowls to inhale smoke from tobacco or by placing the fowl in a closed box and sprinkle insect powder, either of which will cause the bird to sneeze, which will be the means of removing the worms. In the way of internal treatment, camphor, asafoetida and garlic are all of value. Camphor should be given in pills (for grown chickens) of about one grain each; asafoetida should be given in one grain pills, and garlic should be chopped in fine pieces and fed with the food.

Care should be taken, when removing the worms, to see that every particle taken from the chicks or grown fowls has been destroyed, as the disease will continue to remain among the flock if any of the fowls should come in contact with any of these particles. Either burn or bury anything that looks doubtful.

The treatment of the soil over which the infected fowls roamed is of great importance, and especially if they are kept in confined spaces. By treating the soil with lime and spading up frequently the eggs of the gape-worm may be destroyed. The water troughs and feeding places should be thoroughly cleansed and disinfected. Be sure to bury the dead fowls deeply at a distance from the chicken house.—GEO. A. RINEHART, Washington, D. C.

Assorting market eggs according to size and color is a good business move. It attracts the eyes and the appetite of the buyer, and the sale is readily made. It always pays to cater to the whims of the buying public.

A Week in the Shadow of Pike's Peak

Reasons Why Every Member of the American Poultry Association Should Attend the Convention at Denver



THE location for the Thirty-Sixth Annual Meeting of the American Poultry Association was selected by mail ballot, every member having the privilege of voting. The Association has held but one convention west of the Mississippi River. Denver is located in the center of a

group of poultry producing states. To hold an international poultry convention in the far West is an honor that has long been coveted and long striven for, and its winning is a distinctive triumph.

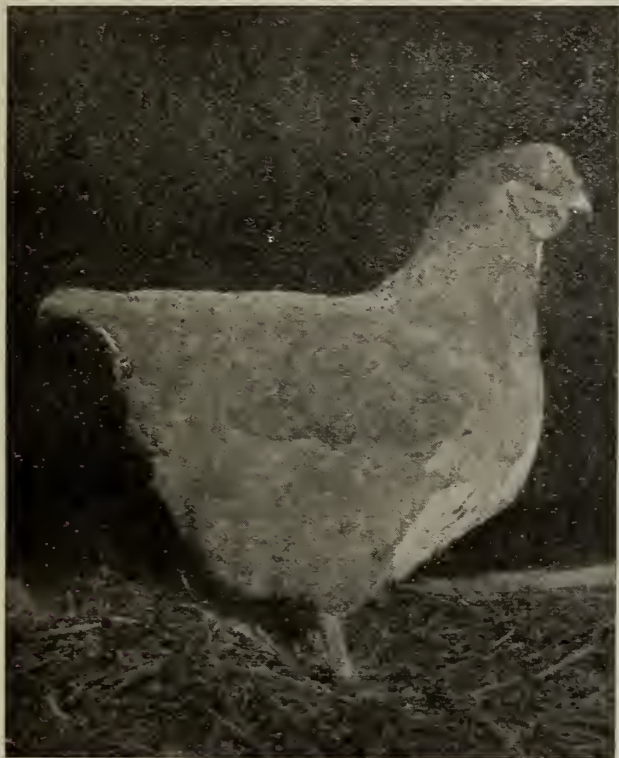
This convention held in the metropolis of a far western state will mean much to the poultry industry of that locality. It will stimulate interest; it will draw public attention; it will infuse new zeal; it will help to further scientific investigation of the difficulties that beset poultry raising in the western country. In short, from a mere material standpoint, it will be worth thousands of dollars to the poultry industry in the far West.

Every poultryman benefits by these meetings, and the poultry people of the West have every reason for self-congratulation that this meeting is coming their way. The American Poultry Association is alive to its opportunities



The South must have a few more members in the American Poultry Association, and they should be presented at the Denver meeting. Becoming a member makes you better known—a larger breeder—broader—better posted. The nomination and election of officers in the main body is carried on each spring by mail. Each member can vote. You should be able to help place the best men in office. It is your duty to yourself, to your poultry brethren. Without the American Poultry Association, we would have no Standard to breed poultry. Without a Standard, we would have no poultry shows, no poultry papers, and no poultry business.

There are already three thousand members of the American Poultry Association, but few of these members reside in the South. Every Southern poultryman who takes a pride in the organization that means so much to the industry and to him should become a member at once. Read over the application blank below; fill in, and send to the Secretary. No dues; no assessments; membership for life.



BUFF ROCK HEN

Prize winner in many shows. Bred and owned by J. Gaylord Blair, Carlisle, Ky.

and advantages, and is endeavoring to meet the needs of all poultrymen, utility as well as fancy. It is gaining power and prestige, and all poultry people ought to give it their encouragement and support.

We are assured that the Denver meeting of the American Poultry Association will be the most largely attended, as well as the most important Convention ever held by any live stock organization. The meetings of the Association are open to the public, and all who are in any way interested in poultry culture are invited to attend, and are also requested to become members of this great international organization that has done, and is doing, so much for the poultry industry. Membership is for life and non-assessable.

Special rates have been arranged for on all railroads. The Denver Committee will provide for entertainment and sight seeing trips to points of interest in and near Denver and Colorado Springs. Meet us at Denver.

AMERICAN POULTRY ASSOCIATION.

S. T. CAMPBELL, Secretary.

To the Secretary of the American Poultry Association:

I hereby make application for membership in Amer-

ican Poultry Association.....Branch.

Name.....

Endorsed:

Postoffice.....

State.....

Article III. Section 1, Constitution A. P. A.—(a) LIFE. Individual membership shall be for life, for which a fee of ten dollars, payable with application, shall be charged.

(b) ASSOCIATE. Any poultry association or society, organized for the purpose of holding annual poultry exhibitions, may become an associate member of the Association on payment of fee of ten dollars

(c) CLUBS. Any specialty club, organized in the interest of any breed or variety of standard-bred poultry, may become a member of this Association on payment of a fee of ten dollars.

(d) SOCIETY. Any society, organized in the interests of poultry culture, may become a member of the Association on payment of a fee of ten dollars.

(e) BRANCH. Any state or province, or any district composed of any combination of adjoining states or provinces, not exceeding six in number, may be organized in one branch association subject to the constitution and by-laws and the rules and regulations of the American Poultry Association. The membership of branch associations shall be made up of Life, Associate or Society members of the American Poultry Association.

Sec. 2. All applications for membership of classes a, b, c and d must be made in writing, be addressed to the Secretary of the American Poultry Association, bear the endorsement of two members of the Association and receive a majority vote of the Executive Board present and constituting a quorum. No application shall be approved unless the prescribed membership fee has been paid.

Sec. 6. Fifty per cent. of each Life, Associate or Society membership fee, coming to the Secretary of the American Poultry Association, through any branch association, for membership in the American Poultry Association, shall, upon the election of the applicant, be returned to the branch from which it came.

This is an official membership application blank, as printed by order of the American Poultry Association and furnished by the Secretary of the American Poultry Association to the Secretary of the Branch Association, the name of which blank is to be written hereon as part of this blank.

S. T. CAMPBELL, Secretary, Mansfield, Ohio.

Two Big Shows Scheduled For Atlanta

By The Associate Editor



LUCKY is Atlanta. Fandom in hendom in ye Cracker State revels in exceeding great joy over the promise of two excellent poultry shows being held in Atlanta this winter. The dates announced are Dec. 11 to 16, 1911, and Jan. 8 to 13, 1912.

Recently in Atlanta the Southern International Poultry Association was formally organized and plans made "for the biggest poultry show the South has ever seen." Governor-elect Hoke Smith was elected president of the association, and has agreed to visit the next meeting of the American Poultry Association at Denver and invite that organization to hold its 1912 meeting in Atlanta.

The other officers named were Thomas M. Poole, secretary; S. E. Simmons, treasurer. The following board of directors was named: Loring Brown, S. E. Simmons, Will T. Zimmer, T. P. Hunnicutt, J. K. Murphey, Hoke Smith, Jehu G. Postell, Thomas M. Poole, R. F. Maddox, S. B. Turman, J. S. Mitchell, Sr., and George P. Hodgson, of Athens. An executive committee of five, T. M. Poole, J. K. Murphy, S. E. Simmons, Loring Brown and T. P. Hunnicutt, was also named.

The first show of the association will be held at the auditorium-armory Dec. 11 to 16. The detailed arrangements for the show will be in the hands of the executive committee, all experienced poultry breeders.

The purpose of the organization as announced is the up-building of the poultry industry, generally, and of the in-

Hardeman, Commerce, Ga.; fifth vice-president, E. E. Mack, Thomasville, Ga.; treasurer, J. M. Karwisch; secretary, C. O. Harwell; assistant secretary, S. W. Bacon, Jr.; superintendent, F. J. Coll. The directors are Will V. Zimmer, Loring Brown, Ewell Gay, T. M. Poole and T. W. Simmons.

The show held by the State association last year, in conjunction with a local paper at Atlanta, was a marked success, netting the association over six hundred dollars, an unusual occurrence indeed. This year the association proposes to put on a show that will eclipse any held in former years, and the advance announcement of Secretary Harwell indicates that the list of regular and special premiums would do credit to the nation's best shows.

It is our pleasure to bespeak success for both these exhibitions, and to congratulate lucky Atlanta upon the spirit shown by the progressive poultrymen of that city. It promises much for the future of the poultry industry in the great state of Georgia, and to the entire South as well.

Interest in Appalachian Poultry Show

INTENSE interest is being manifested in the Appalachian Exposition Poultry Show, to be held Sept. 25 to 30, and indications at this early date warrant the prediction that the entries will far exceed those of last year. The show will be held in the large poultry and live stock building, which so pleasantly housed the exhibition last year, and five thousand birds can be cared for. The announcement of the committee that the premiums would be even larger than last year met with the hearty approval of breeders throughout the country, and many expressions of approval of the plan adopted have been received.

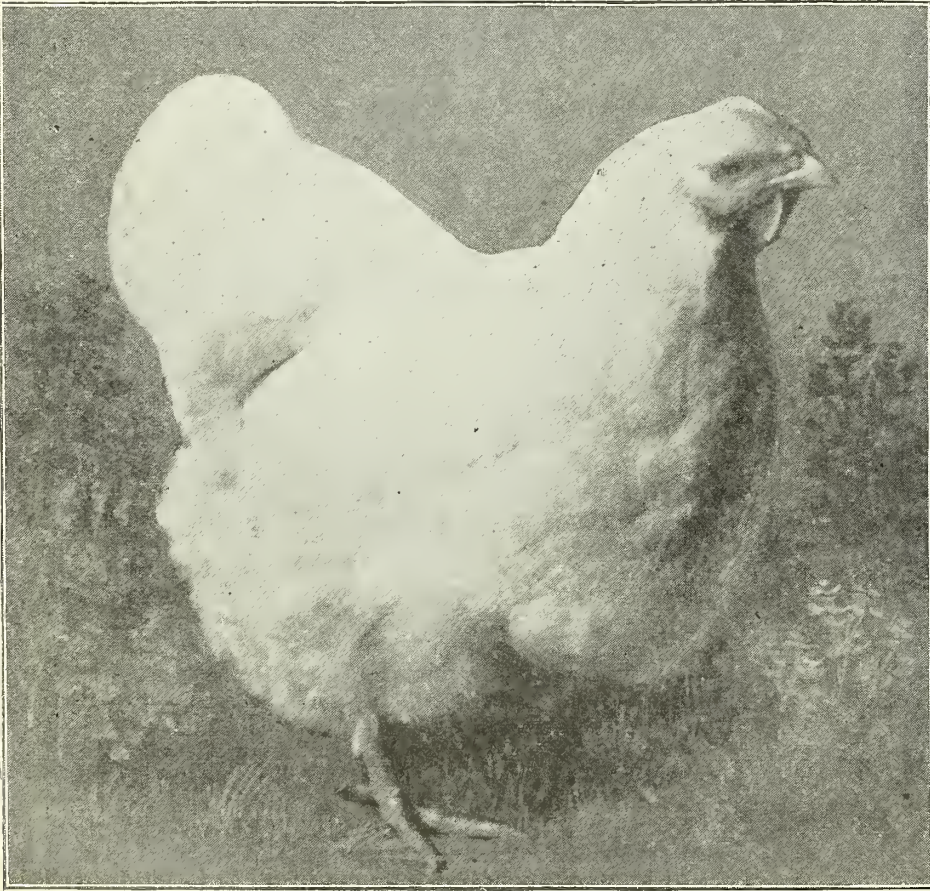
Requests for copies of the premium list are being received daily, and it is probable that a larger supply than at first anticipated will have to be printed. The specialty clubs are responding to their opportunity to make the contest interesting for the various breeds, and many handsome premiums will come from this source. The general committee, announced in the May issue of this magazine, which might be properly termed the breed committees, is showing signs of activity. The judgment displayed by the executive committee in the selection of judges is being commended, and many breeders look forward with keen interest and expectant pleasure to a personal meeting with these excellent gentlemen this fall.

Letters have been received from a number of the prominent breeders, stating their intention to come with a string of their best birds. Mr. Percy A. Cook, of the firm of William Cook & Sons, Scotch Plains, N. J., in a letter of recent date says: "I am looking forward with a great deal of pleasure to my visit when I bring my birds down this fall, and I will exhibit not for competition." Mrs. L. L. Upson, former secretary of the Southern Poultry Association, Athens, Ga., writes that she expects to be with the A. E. again this fall. From every section come assurances of good will from poultrymen, and it is now conceded that the entries and attendance will far exceed the earlier anticipations. It should be borne in mind that the entries will close Sept. 12, and that entries will positively be refused after that date. Applications for premium list should be made at once.

One of the many interesting features will be the poultry institute, under the direction of Mr. S. T. Campbell, of Mansfield, Ohio, Secretary-Treasurer of the American Poultry Association. For two evenings instructive lectures and demonstrations will be given on the exposition grounds in the auditorium, to which everyone is invited.

Mr. Reese V. Hicks, the newly elected president of the American Poultry Association, will be here, and it is hoped that President Taft and Speaker Champ Clark will so time their visits to the exposition as to be here some time during poultry week. Other prominent poultrymen are expected to be here during the institute.

The judges will be Chas. I. Fishel, Indiana; Wm. C. Denny, New York; A. F. Kummer, Pennsylvania, and L. N. Hutchison, Mississippi.



AN IDEAL HEN

Having been shown eleven times under seven different judges, winning first each time. Pronounced by judges to be the best hen they have seen. Bred and owned by J. C. Fishel & Sons, White Wyandotte Specialists, Box H, Hope, Ind.

dustry in the South particularly. The exhibition to be held by this association will give the winning birds in the smaller shows a chance to compete with each other in the big show. To this end all smaller show associations have been invited to become members of the Southern International Poultry Association, the smaller association coming in upon the same basis as individuals—that is by purchasing one or more shares of stock at the par value, which is \$10 per share.

The second show to be held in Atlanta this winter will be "the great central show of the South," under the auspices of the Georgia Poultry Association, Jan. 8 to 13, 1912. The officers of this association are: President, H. G. Hastings; first vice-president, M. F. Morris; second vice-president, Julian McCamy, Dalton, Ga.; third vice-president, Dr. R. B. Callahan, East Point, Ga.; fourth vice-president, Dr. W. B.

The Key to Successful Poultry Progress

By A. A. BRIGHAM, Ph. D., Principal of The
School of Agriculture, Brookings, South Dakota



FOWLS are found on nine out of every ten farms of the country, and numerous flocks are kept in the villages, towns and even in the cities of the nation. According to the somewhat ancient statistics of the census of ten years ago, chickens were found on 88.8 per cent of the farms and ranges of the United States. Doubtless the census taken the past year will show that fully 90 per cent of the farms are blessed with feathered live stock. This means that there are more than five millions of flocks of poultry in this country in 1911.

How many of these flocks consist of scrubs and mongrels? Altogether too many without doubt, but I believe there has been vast improvement during the last decade. Pure bred fowls of a single breed or variety are frequently found today on the farms and the village flocks are yet more often of standard kinds. There is also a growing conviction among farming and village people that poultry can be made very profitable if rightly cared for. The idea is gaining ground that pure-bred poultry is more profitable to keep than scrubs. A flock of "common dunghill" fowls today calls out more expressions of contempt and disgust than formerly. How often now we hear the remark or see in print the statement that "It costs no more to feed and care for pure-bred birds than mongrels." The owner of a scrub lot of fowls soon sells them off and gets stock or eggs for hatching of some favorite variety.

What will another ten years show in improvement of farm and village flocks? Great advancement is being made in this respect in this year 1911. If I am not mightily mistaken it will prove to be the greatest year yet in poultry progress in spite of the many reports of poor hatches from many sections. What will be the greatest factor in this forward movement of improvement? One word gives us the key.

SELECTION.

The farmer boy or girl who likes chickens may begin even with "scrubs" and, by careful selection, improve them. Every mongrel flock has a best hen and a best cock-bird. Several hens can be selected that are better than the rest of the fowls of the flock. Breed from these and the chickens hatched from their eggs will average better than the old fowls.

The interested young poultry keeper keeps a record of the new flock and again selects the best birds and breeds from them. By this time the spirit of improvement will surely have gained possession of the young stock-breeder sufficiently to induce him to purchase at least a pure bred male or one or two settings of "eggs for hatching," of a popular variety. If only a male bird is obtained, he is mated to the best fowls of the scrub flock and the chicks resulting are half bloods. Next season the best of the half-blood pullets are bred to their sire, if all the breeding birds are of good constitution and in perfect health. This is really the beginning of "line breeding" and the chicks obtained are three-quarters pure blood. If the original scrubs were strong, vigorous, healthy fowls and the pure bred male also sound and active, the chickens will be "hustlers" and at the same time have much of the "quality" of the breed represented by the male because he is "half the flock" in breeding.

Any farmer boy or village boy who gets thus far along and does not own also a trio of pure bred fowls is different from the usual ambitious American boy. Very likely he will have four different breeds or varieties represented in his flocks and perhaps be paying so much attention to poultry that his school studies suffer. He will get over the excessive stages of "hen fever," however, in due time and probably settle down to breeding one good variety.

If large egg production is his chief object he will very likely use trap-nests and thus know for a certainty which are the best layers, which are "only paying their board" and which are "living on his generosity." It is fascinating work, keeping the laying records by means of trap-nests. I have known of a lad who kept the egg records of six Rhode Island Red hens without using trap-nests. He watched the hens and studied the size and shape and feeling of the eggs they laid, until he could tell even in the dark which eggs came from individual hens. These he had marked by leg bands having for each hen a number

I have mentioned breeding the pullets, but wish to suggest that if pullets are used to produce the eggs for hatching they should be fully developed. I have found by careful experimenting and by experience that eggs from hens the second laying season usually hatch better and bring stronger chickens than eggs from young pullets.

MORE SELECTION.

Selection should also be extended to all the details of shelter, feeding and management of the flock. As the fowls improve by better breeding they should also be encouraged by better surroundings. It is true that scrub fowls can sometimes rustle for themselves on the farm better than pure



HIGHLAND KING

3rd cockerel at Chicago, 1910, won shape special everywhere shown in 1910. His son won a shape and color special everywhere shown in 1911. D. M. Covert, Willoughby, Ohio.

bred birds, but we want to get poultry products, not merely to have fowls on the farm, and so we must house the new flock and feed the fowls and care for them as well as the breeding stock that they came from was housed and fed and cared for. The surroundings of the new flock and the regular care of the birds will decide what they will do for their owner in producing eggs, making meat or growing fine feathers.

I shall be glad to answer questions regarding the breeding plans, the hen house, the feeding and management of the flocks of any readers of THE INDUSTRIOUS HEN who care to write me giving minute details and asking definite questions.

It pays to cater to the whims of the market. Personally, we do not believe there is any difference in the quality of a brown-shelled egg and one with a white shell, but at the same time we would no sooner think of sending a consignment of brown eggs to a white egg market than we would roasting fowls to a man who asks for broilers.

THAT man is yet to be born who can place his gaze upon a prize winning beauty of his own production and name her "Topsy" because she "just grewed."

Poultry in The South From 1865 to 1911

By **UNCLE DUDLEY**, Atlanta, Georgia, for Twenty-five Years an Authority on Scientific Poultry Raising



N looking backward from the standpoint of today, we are amazed at the slow progress that the poultry interest from the viewpoint of breeding for profit, has made in the South. The history of this important interest is extremely interesting.

I have been much interested in poultry breeding since I was a boy in the '50's, and I will try to describe the conditions then, as I remember them, and now, as

we all see them around us.

Before the advent of old King Shanghai, there were only two kinds of fowls bred in the South—the old dung hill fowl that we have with us still, and the Game. The dung hill fowls were turned loose on the plantations to shift for themselves; they roamed over the fields and in the woods; roosted in the trees; layed in the bushes; stole nests away from the yard; then came up with a brood of chickens that were taken into the yard, and fed scraps from the table and what they could pick up around the premises, until they were three or four weeks old, then turned out to get their living around the cattle lots or in the fence corners among the weeds.

The Game fowls were bred by our best people, governors, senators, legislators, and other public men. Most of them bred a special strain that was known by the names of the breeders. Many of these Games were imported from England and Ireland. Once, and sometimes twice a year, they met and had a battle royal with their favorite strains, nor were they the only ones who fought chickens. In the South members of all classes indulged in this royal (?) sport.

Suddenly the Shanghai made his appearance, and in a few years changed the entire situation. Public opinion commenced to put its ban upon cock fighting, public men gradually desisted from the practice. The current had changed, and in a primitive way the breeding of fowls for table purposes began among those who bred poultry. At the base of this effort was the Shanghai, and their blood today runs in the veins of every American breed that we have, except possibly the Javas.

There were some hundreds of new breeds imported into the country and originated. They were known by every imaginable name. These names have almost all passed away and have been forgotten. Then the shows loomed up, and for years the men who bred fancy chickens were almost considered (disreputable characters, or at least) as throwing away their time "fooling with fancy poultry." Gradually another change came when the shows taught, by object lessons, the splendid results achieved and the great superiority of the birds that were produced by the men who had labored so industriously to breed fowls superior to those in general use over the country. It took many years to convince the people, however, of the superiority of the "Fancy" fowl over the old Dominic, or the old blue hen, and the others that their fathers and mothers had been breeding for many years. It was slow work, for changing old customs and fixed habits is never done quickly. Little by little the good work gained head-way, until suddenly the fact of the great superiority of the "Fancy" seemed to burst upon all of the people like a revelation, and today all classes of our people are wondering why on earth they did not see the great advantage of a well-bred fowl over the old barn-yard fowl that they had clung to and defended in the past. Everywhere people are thinking now of the advantages that the thoroughbred has over the old stock, they are learning the characteristics of the different breeds, how some of them are bred to produce eggs, only some of them are best adapted to producing quick growing chickens for broilers, to be sold at fancy prices in the early spring, others of them bred to be used as all 'round—all purposes—or utility fowls. They are learning these things and wondering why they could not see all this years ago.

Nor is this all that they are learning, for having become interested in poultry breeding, they are learning many things about poultry that they never knew before. As I have said previously, people in the past ridiculed the men who bred fancy fowlus. Let us look for a moment into the chief characteristics of the fowls that they have produced.

First, look at the up-to-date Leghorns. Some years back the man who in the early days of the "fancy" told that he had hens that laid 100 to 125 eggs a year, was looked upon as a sort of fish-yarn fellow—nobody believed him, for about the best that the old blue hen could do was 60 to 70 a year,

and she had to be something extra to do that. Today you see these egg machines producing year in and year out, from 150 to 175 eggs a year. What was the cause of this change? It was the scientific manner in which they were built up, not the feathers, but the shape of the fowl, was doing the work. An up-to-date White Leghorn hen has a rather long body, somewhat narrow on the back in front, but broad across the hips. She is built like a wedge, rather full in front, a large crop, and very full below the hips, a large commissary department that takes energy to keep it supplied with food enough to keep the egg machine behind it working on full time. She is built for the production of eggs—and she is doing well what she was built for.

There are other breeds that are built by careful breeding for other things. One will do to illustrate the grand results that the labor of these breeders of the "Fancy" have achieved. Take the Wyandottes—unlike the Leghorns, this breed was built for a general purpose fowl. I mention the Wyandotte because they were bred to perfection before the Plymouth Rocks, Orpingtons, or Rhode Island Reds. Five men, not knowing each other, felt the need of a fowl that was just between the weight of the ponderous Bramah and the Leghorn. It was a surprise to each of them that they built up their fowls on the same lines as were those bred by the others, all having the same type of the fowl in their minds. So we have today a fowl that is built all in a heap. It has been termed a fowl of curves—short back, broad across the hips, round, full breast—there is not a straight line in their bodies. In shape, this fowl is unlike all other breeds—very small bones, very full breasts, very energetic; quick to mature, very gentle, chicks hardy and quick to mature, good winter layers. Built up for general purpose fowl—it fills the bill. These two breeds show what the ridiculed cranks have for years labored to produce, and their efforts have resulted in a large success.

Did you ever stop to think of the value of the hen as a destroyer of insects? Can you or anyone else compute the immense number of worms, bugs, and flies and other insects that they eat in a single day. Take, for instance, a hen with a brood of chicks, turned out into the patches around the dwelling on the farm. She is busy from "early morn 'till dewey eve," scratching in the ground, feeding her brood on worms that prey on the roots. Stopping a moment, she darts forward, calls the chicks, gives them a bug that is feeding on the leaves and fruit, thereby saving the farmer more than he is apt to think. I could tell you of many things that make fowls a valuable asset on a farm, but I have written enough on this line.

Let us look now into the superiority of well-bred fowls over the barn-yard fowl from a commercial show point. You have seen that on the same amount of food the thoroughbred fowl will produce twice as many eggs as the common fowl, now, what about the chicken product. The common chicken from a common hen arrives at the broiler age in about three to three and a half months, four and a half months to get them to the fry size. The utility fowls of up-to-date breeds will arrive at the broiler size in eight weeks and at the fry size in ten to twelve weeks, a great saving of feed here. Then in your common chickens you have a breast almost as sharp as the hatchet that you use to kill them with. Put them on the table and you have as much bone as you have meat. In the well-bred chick you have a well rounded breast and bones covered with fat and delicious flesh. The time is coming—it is near at hand—when the chickens of common fowls will be almost unsalable. The people are being rapidly educated along this line, very many of them now have learned that soiled eggs, eggs laid out in the weeds and in the stables, and in the cattle lots, are unfit for food. They are today paying from five to ten cents a dozen more for fresh eggs that are laid in clean nests and also something above the market price for well-bred chickens that have been fed on clean food. The chickens that have been doing scavenger duty around the horse stables and pig pens will soon be a thing of the past—and the well-bred and well-fed poultry will take their place.

We are living in an age of progress, particularly in this the case in the South in regard to poultry. If you have not done so before, fall into line, quit living in the past; look around you, see what others are doing in regard to poultry breeding—reaping a harvest of dollars—while you are only gathering in the pennies.



The Industrious Hen's Editorial and Business Staff

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2. E. H. DEPOY, Associate Editor; formerly Editor and Publisher of *Tennessee Poultry Journal*; Member Executive Committee Appalachian Exposition Poultry Show; a leading writer for newspapers and magazines. For ten years a breeder of fancy poultry.

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13. GEO. A. RINEHART, Washington, D. C. An authority on poultry diseases, whose writings have attracted national interest.

14. J. GAYLORD BLAIR, Carlisle, Ky. Author of a popular book on poultry diseases, and a writer of national reputation. Breeder of Buff Plymouth Rocks.

15. W. M. BROWN, Hixson, Tenn. Professor of Agriculture in Hixson High School. An exponent of modern poultry culture.

16. MRS. J. C. SHOFNER, Mulberry, Tenn. Editor Turkey Department. Breeder M. B. Turkeys and Barred Plymouth Rocks

17. E. G. WARDIN, Charlotte, N. C. A practical poultryman. For several years Secretary of Charlotte Poultry Association.

18. R. V. MITCHELL, Mahaffey, Pa. Director of Cornell University Experiment Station. A forceful and interesting writer.

19. T. REID PARRISH, Nashville, Tenn. Licensed Judge; Secretary-Treasurer Tennessee State Branch, A. P. A. Breeder of Light Brahmas and Columbian Wyandottes.



THE

INDUSTRIOUS HEN

AND

TENNESSEE POULTRY JOURNAL

DEVOTED TO EVERY INTEREST OF THE

Commercial and Fancy Poultryman

Entered at Knoxville, Tenn., Postoffice as second class matter

S. B. NEWMAN & Co.....Publishers

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The Industrious Hen Co., Knoxville, Tennessee

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THIS is our birthday. Seven years ago this month THE INDUSTRIOUS HEN sounded her first cackle in the village of Madisonville, Tenn. She was a handsome and promising pullet, measuring up to all Standard requirements, and immediately began scratching for a livelihood in a manner that bespoke vitality and good breeding. The first issue contained twenty pages of well edited chicken lore, and while the advertising patronage was not heavy, it was sufficient to inspire the publishers, Messrs. Reese V. Hicks and J. Howard Sledd, with confidence in the venture, and the magazine that lies before you today is the

result of the foundation laid by these gentlemen seven years ago. The *Poultry Review*, published at Bustleton, Pa., by J. F. Eisenhower, was absorbed by THE HEN in January, 1905. In October, 1910, the *Tennessee Poultry Journal*, published at Lebanon, Tenn., by E. H. DePoy, was nestled under her protecting wing, adding to the prestige and greatly increasing the circulation of this magazine. THE INDUSTRIOUS HEN has been an exponent of practical poultry knowledge from its inception. The first sentence in its first issue was, "Fight lice from start to finish," and in the same issue, "Have a strong and vigorous stock and keep your chicks free from lice." Thus it is seen that the foundation upon which THE INDUSTRIOUS HEN was established was sanity and practicability, and an undying hostility to the foes that cause the defeat of the myriads of spasmodic poultrymen who come and go with each succeeding season. The publication of THE HEN was continued at Madisonville for about two years. The magazine appeared regularly each month, and many improvements were made that greatly enhanced its value. It was evident, however, that THE HEN was outgrowing its field, and that additional equipment and an expenditure of time and capital would be required to keep pace with its rapidly increasing growth in patronage and influence. Realizing this, the founders of THE HEN, with much reluctance, disposed of the magazine, with its

subscription list and good will, to the present publishers. The offices of the publication were removed to Knoxville where the business could receive the personal attention of its new promoters. The success of THE HEN has been all that could have been expected. Nothing has been neglected that would add to the value of the publication as an indispensable guide to the fancier and the farmer who seeks to derive a profit from his feathered flock. Today THE INDUSTRIOUS HEN "lays all over the South," and her circulation is exceeded by no other Southern poultry journal. But her usefulness and her influence are not confined to the South alone; today as in the beginning of her career "THE HEN is on free range;" the sound of her monthly cackle reaches every State in the Union, and the melody of her song crosses the seas with a message of cheer and council to prince and peasant in foreign fields. With the flapping of her wings she fans the fever of the disappointed and disheartened at home and abroad, while with "golden eggs" she fills the basket of those who make judicious use of her advertising pages. THE INDUSTRIOUS HEN has passed the experimental stage. Her place in the field of poultry journalism is established; her mission is to aid all those who would attain success with poultry. It is with kindest greetings, therefore, that THE INDUSTRIOUS HEN salutes you on her seventh birthday, with a word of appreciation for the part you have had in her success, and we trust that as we grow in years together our bonds of friendship may become stronger and that your success may be unalloyed.

Comparison Versus Score Card Judging

M

ANY letters come to this magazine requesting us to define the difference between the score card and comparison systems of judging, and which is the better plan to follow. In the show room, as in other places, "circumstances alter cases," therefore, no set rule could be given that would apply to all inquiries. The comparative system is more generally used for the reason that the work of the judge is greatly minimized, the ribbons are placed during the early part of the show, and the exhibitor is given a better opportunity to advertise his stock. In the larger shows where several thousand birds are exhibited, the score card would be impracticable for various reasons. The number of judges required to score the birds would render the system too expensive, otherwise too much time would be required in placing the awards. Then there would be little demand for this system, since the birds exhibited are the property of men and women who understand the merits of birds qualified for a position in the larger shows. The score card system on the other hand, is in general use in the smaller shows, and there is good reason why it should be. Shows of this class are visited by the novice and those of meager experience in the poultry business. Under the score card system, if the inexperienced exhibitor will take his cards and study them, he soon learns the cause of his defeat and thus gains the information that makes him a winner over his competitor of the year before. There is a mine of knowledge in the score card of a competent judge, if the novice will put it to good account, and for this reason the score card system may be used by the younger association with no small degree of profit to a large per cent of its membership.

What We'll See and Do in Denver

T

HE program of the thirty-sixth annual session of the American Poultry Association has been issued by Secretary Campbell. The Association will convene at 10 A. M. on Friday, August 4, the meetings of the executive board consuming the first two days of the session. The address of welcome will be delivered by the Governor of Colorado on Monday, August 7. On the evening of the same day a reception will be tendered the delegates by the Colorado branch at the Brown Palace Hotel. Among the questions to be discussed will be the report of the committee on editing and publishing the new Standard, the report of the secretary on contest for separate breed standards, and report of executive board on licensing judges. A trolley ride to the White City, an all-day outing on Moffat road, and special trips to Colorado Springs and other points are among the attractions offered. A banquet at the Brown Palace Hotel will be given on Wednesday evening. The Association's visit to the beautiful city of Denver promises to be both interesting and pleasant.

"THE Spirit of the Appalachians" will see its exemplification in Knoxville Sept. 11 to Oct. 1.

A Little History of Hen and Chicks

OUR second edition of this, the most popular book published is on the press. The last copy of the first edition has been sold, and we are receiving orders every day to be filled as soon as the books are printed, which will be within a few days. A little more than six months ago this book was first advertised through THE INDUSTRIOUS HEN, and up to this date we have sold over 1,000 copies.

Not only the name, but the size and contents of the book appeal to every poultryman. When he once sees it, he real-



HEN AND CHICKS.

izes that it is worth more than the price asked. It treats of every phase of the poultry business, from building houses to raising, feeding and marketing the birds. Every article contained in the 300 pages is alphabetically indexed, and immediate reference can be made, thus finding any subject in an instant. It is illustrated with more than eighty full page half-tone cuts of every breed represented in the Standard of Perfection. It is printed on a good grade of book paper and substantially bound in a heavy paper cover, printed in two colors of ink. The book will agreeably surprise you. It is worth a five dollar bill to any poultryman. We are mailing it all over the United States and Canada for fifty cents, and have made this standing offer, which has never been taken up: *If after reading the book, you are not pleased with it and do not want to keep it, return it to us in good condition and we will return your money.* A copy will be sent with a year's subscription to THE INDUSTRIOUS HEN for 75 cents.

COL. JEHU G. POSTEL, of Atlanta, familiarly known to the poultry world as "Uncle Dudley," has accepted a call to *The Southern Fancier* as associate editor, and will continue his work in the interest of the poultry industry in his own inimitable and helpful way. "Uncle Dudley" has been a contributor to the columns of the poultry press for more than a quarter of a century, and it will be a source of pleasure to all those who are familiar with his writings to know that he is now in position where his abilities may be given wider scope. He has been a most valued member of the editorial staff of THE INDUSTRIOUS HEN during the past few years, and has an article of unusual merit in this issue. The *Fancier* is to be congratulated for having been able to secure his services.

THE poultry bill drafted by the East Tennessee Poultry Association has passed the State Senate, and may yet be enacted into law. The bill was amended, fixing the salary of the State Poultry Commissioner at not more than \$1,500 per year, and allowing a similar amount for other expenses in developing the poultry industry in the State. The warring factions in the legislature are wooing the dove of peace, and the general appropriations bill, if it is ever passed, may include the amount named by the Senate for the purposes as set out above.

IN THE selection of Col. Thos. H. Peck as Commissioner of Agriculture for the State of Tennessee, the farmers, poultrymen and live stock breeders of the South have a man who is in sympathy with every feature of this great industry. Col. Peck is a true agriculturalist, a man of exceptional ability and who will do all in his power to advance the interests of his life-long calling.

From Allentown to Chilhowee Park

ANNOUNCEMENT has been made that the Great Allentown Fair Show will ship all birds intended for the Appalachian Exposition Poultry Show direct from one show to the other. As the Appalachian show immediately follows the Allentown show this year, arrangements have been made so that birds that have been entered at both shows will be shipped directly from Allentown to Knoxville. The Allentown show is strictly a three-day, day-light show only. Hence birds stay in good condition at this show, and with good treatment guaranteed at the Exposition show it will be perfectly safe to show the same birds at the two shows.

The Allentown buildings have all cement floors and new Empire coops and are light, clean and cool. Birds will be released Friday, Sept. 22, at noon, and will be shipped that afternoon and night, and as the railroad facilities between Allentown and Knoxville are good, birds should arrive at the latter place in good order. Here they will be promptly unpacked and attended to.

For any further information about the above, write either to L. B. Audigier, Director, Knoxville, Tenn., or W. Theo. Wittman, Allentown, Pa.

THE appearance of the new Standard provoked a great deal of criticism, both favorable and unfavorable. The first edition of 25,000 copies is about exhausted, and it is stated that a great many changes will be made in the book before the second edition of the book is issued, which will probably be during the present year. It has been announced that a number of the illustrations were so objectionable that they will be stricken from the book and new drawings substituted. It should not be forgotten, however, that whatever the outcome of the present discussion may be, the book will remain the standard by which our birds are to be judged until officially revised by the American Poultry Association.

Old fashioned people of course used old fashioned methods, and the feed of 20 years ago was mostly to sustain life. In other words, hens, like other animals, had to be fed in order to exist. This idea is still held among many farmers. What they feed they suppose is all that is necessary both to maintain life and to produce eggs. The experienced breeder fully understands this.

DR. J. HOWARD SLEDD, who was once editor of this journal, is now associate editor of the *Southern Poultry Journal*, Dallas, Texas. He is a good writer, very companionable, and we trust will succeed admirably in his new home.

Advertising as Essential as Equipment

IHAVE been an advertiser in THE INDUSTRIOUS HEN since the eighth issue, and I have watched it with pride grow to be a great poultry journal.

I have seen her grow from a small circulation to the thousands, covering the entire South, and making inroads in the Northern states, sending out her many articles and helps on poultry breeding. Some may ask me "How do you know this?" By my own individual correspondence through THE INDUSTRIOUS HEN, as an advertiser. My advertisement has not been out of its columns since I first started it, and month by month and year by year, my correspondence and sales have spread, until I know of a truth how much THE INDUSTRIOUS HEN has grown; not by guess work, but by my own actual experience.

I am often asked the question, "Does Advertising pay?" And my answer is, "If you have anything to sell, how are you going to sell it if no one knows you have it for sale?" Advertising is not a "get rich quick" (?) scheme, but if you are in the pure-bred chicken business, then it pays to advertise same. I think one of the worst mistakes made in carrying an advertisement is failing to stick; that is, quitting too soon. In every line of business we have to establish ourselves; and we can't do this in one day or one year. Does a tree become grown in a day, or a year? Certainly not. It attains its growth and establishes its prestige by growing steadily all the time. Pure-bred stock breeding and advertising go hand in hand. An established advertising record is as much capital and as essential as your stock and equipment.—J. A. DINWIDDIE, New Market, Tenn.

Barred Plymouth Rocks

Eggs Half Price

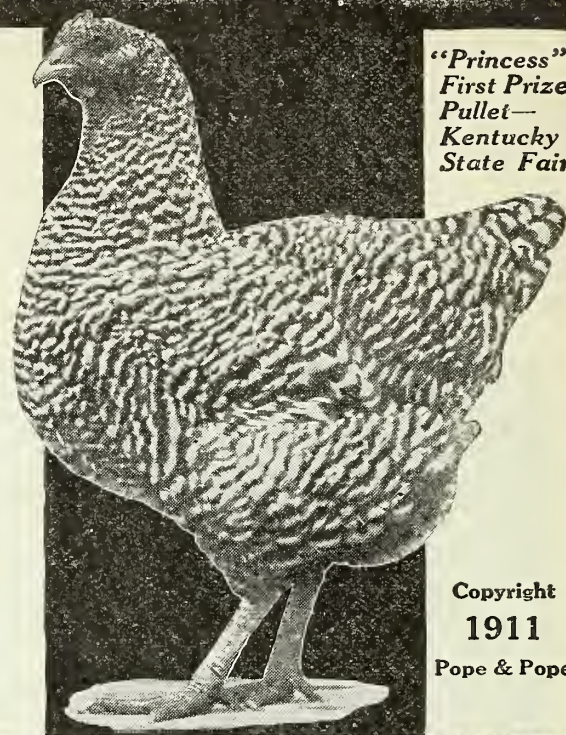
We are now selling eggs at half price. They are identical in every way with those we sold this spring at double the price. They are the same eggs we used for our own hatching. They are as good eggs as money can buy, and they come from our twenty regularly mated pens, containing our winning birds of the Louisville, Frankfort, Owensboro and State Fair Shows.

Eggs \$1.00 per 15 Eggs \$3.50 per 50
Eggs 1.75 " 30 Eggs 5.00 " 100

Prize matings \$1.50 per 15 straight

We want everyone interested in Barred Plymouth Rocks to send for our handsome 40-page catalogue, in which we illustrate and describe the best Barred Rock Farm in the country, show cuts of our houses and plant, and give information everyone should know who expects to buy stock or eggs. Get our catalogue, get others, see the difference. Start with our stock and be satisfied. Write us a postal for catalog No. 7.

POPE & POPE Box H Louisville, Ky.



"Princess"
First Prize
Pullet—
Kentucky
State Fair

Copyright
1911
Pope & Pope

BUNCH OF ANSWERS

J. A. THORNHILL, Hartselle, Ala.

The following answers to questions sent in will no doubt be beneficial to beginners:

I prefer willow charcoal for poultry, but if you can get freshly burnt charcoal of other wood I see no harm in its use.

Mustard seed should only be fed as a condiment. It isn't near so injurious to poultry as red pepper, cayenne pepper, etc.

Into a wooden tub, put a quantity of water, add enough quick lime to make a thick creamy liquid, add a little table salt, a little kerosene oil and apply while still hot. Another plan I use in connection with the above whitewash is, to put a quantity of naphthalene flakes into a bucket, add enough kerosene (coal oil) to dissolve the flakes, then add this to the lime.

The color of an egg shell doesn't denote the quality of a hen. The Leghorns are supposed to lay white shelled eggs, but I have an extra good breeder that lays all the time eggs with a rich yellow shell.

It isn't practical to ceil a poultry house with tar paper. Matched lumber will make a house warm enough for layers during the winter in the South.

No person, I care not how much judgment he has, can keep (without experience) more than 500 laying hens and raise more than from 500 to 1,000 chicks per year. The best plan is to start in a small way.

A yard 40x70 will do well enough for fifty youngsters, but when breeders are the aim, more yard room should be supplied.

Allison's S. C. WHITE LEGHORNS

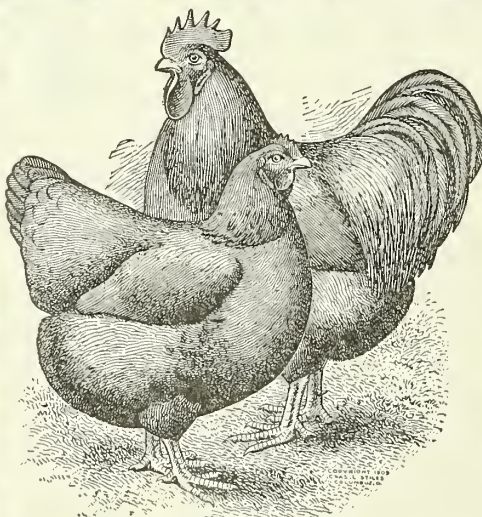
I now have my pens mated up and am prepared to furnish eggs from my prize-winning and bred-to-lay stock. I am selling eggs at \$2.50 per setting from a pen in which every bird is a prize winner. Others as cheap as \$1.00 per setting. My birds have won at Louisville, Kentucky State Fair and Chicago. Incubator eggs, \$6 and \$10 per 100. I guarantee satisfaction. Write me. THOS. S. ALLISON, 28th and Steven Streets, LOUISVILLE, KY.

Do You Know J. A. Thornhill?

He breeds quality Single Comb Brown Leghorns and Rhode Island Reds. A few cockerels for sale. Eggs \$1.50 and \$3.00 per 15; \$6.00 and \$8.00 per 100.

THORNHILL'S POULTRY FARM, Hartselle, Ala:

LAYERS and PAYERS



Royal Orpingtons

WHITE—BUFF—BLACK

Eggs for hatching

\$5^{Per}₁₃ \$9^{Per}₂₆

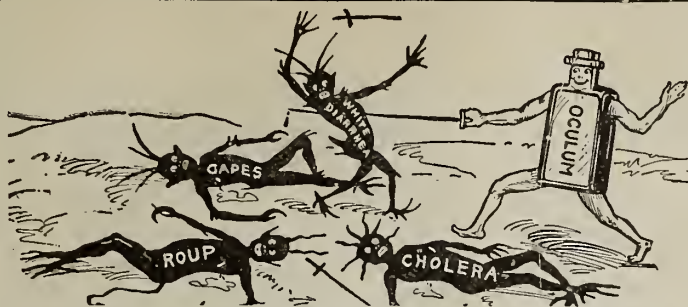
SHOW STOCK

\$3.00 to \$500 per head.

Eggs for hatching from \$3.000 pen of Royal Columbian Plymouth Rocks \$3.00 each. Stock and eggs shipped to any part of the world. Let us know your wants.

WOODWORTH FARM, WILTON, CONN.

Eggs for hatching from utility stock one-half of above prices.



A \$2,000,000,000 Poultry Product Builder

Oculum, based on U. S. Government diagnosis, comes to the relief of the long-suffering poultry producers with this momentous assertion: "I can inoculate your fowls and increase the annual value of the poultry of the U. S. from \$1,000,000,000 to \$2,000,000,000. Let me help you."

Oculum has overcome and thrust to the heart, White Diarrhea, Cholera, Roup and Gapes.

You can raise fowls in any quantity at a "sure profit."

Oculum destroys the Cholera, Roup and White Diarrhea germ that kills yearly $\frac{2}{3}$ of all fowls hatched, and also the Gape Worm.

From Bradley Bros., Lee, Mass

"Oculum" appears to be the long-needed remedy for cases of liver and bowel trouble, heretofore regarded as incurable. Have tried it also with satisfactory results upon a few cases of baby chicks—"incurables"—which bid fair to fully recover.

From A. G. Dustin, Rose Lawn Poultry Farm
South Framingham, Mass.

I enclose \$1.00 for bottle of "Oculum." I broke my bottle accidentally and find I cannot keep house without it, not so much for a cure all as for a smart tonic. What about handling this for you?

OCULUM

Farm, J. C. Fishel & Son, P. J. Armstrong, Mrs. Ellen Jacque, Oscar E. Miles, J. Gaylord Blair, Geo. A. Ruessler, N. R. Reynolds, Lewis T. McLean, Hugh Ross and hundreds of others.

Don't cling to the exploded theory that "nothing will cure," but join the army of money-making poultry raisers, who, after demonstration, are marching to success with the Oculum banner waving in the breezes.

Join now. For sale in three sizes, \$1.00, 50c and 25c, by all progressive dealers and druggists. If yours does not handle it, send us his name and address. On receipt of price, Oculum will be mailed direct to you. Circular with Government diagnosis of Cholera and White Diarrhea free.

Order now and help make poultry a \$2,000,000,000 industry. Sample with dropper, 10c. (6)

Hancock Inoculum Company, Inc., Box M, Salem, Va.

\$2.65 for \$1.50

Southern Fruit Grower

Monthly—50c a year

Progressive Farmer

Weekly—\$1 a year

The Industrious Hen

Monthly—50c a year

Copy of "Hen and Chicks"

300-page poultry book—50c

One Dozen Leg Bands

15 cents Total, \$2.65

Four publications and
one dozen leg bands
will be mailed for . . .

\$1.50

Send Orders to

THE INDUSTRIOUS HEN CO.
KNOXVILLE, TENN.

POULTRY PRINTING

Trial Offer, 100 Note Heads, 100 Envelopes 75 cents, with cut of your breed. We use Stiles' Cuts. Samples 10c, returned on first order. Address

Poultry Printers, Box 10-H, Sugar Grove, N. C.

Poultry Profits Doubled

1 I bring 30¢ a lb.

1 I bring only 15¢ a lb.

CAPON'S bring the largest profits—100% more than other poultry. Caponizing is easy and soon learned. Capons sell for 30c a pound, while ordinary poultry brings only 15c a pound. Progressive poultrymen know these things and use

PILLING CAPONIZING SETS

Sent postpaid, \$2.50 per set with "Easy-to-use" instructions.

Satisfaction guaranteed. We also make Poultry Marker, 25c. Gape Worm Extractor, 25c. French Killing Knife, 50c. Booklet, "Guide for Caponizing," FREE.
G. P. PILLING & SON CO., 23d & Arch Sts., Philadelphia, Pa.

Corn, oats, wheat and their meal and bran is the staple grain for poultry.

June is a good month in which to raise chicks, but unless I had money to burn, I would never invest \$20.00 in a setting of eggs.

Sodium silicate solution or what is termed "water glass" is a good egg preservative. You will find a still better one in a back number of THE INDUSTRIOUS HEN or in a copy of *Hen and Chicks*.

There is no way in which pullets can be bred or eggs made to produce more of them than cockerels. The writer has experimented on the long and round egg "theory," and found no practicability in it.

The writer understands the law to mean that eggs are to remain in cold storage, not from the time the huckster collects them from the farmers to the time the consumer gets them. While this law will help the egg farmer, it allows the cold storage people to store eggs and poultry in the fall and hold them for mid-winter or Christmas prices.

I have been told that pumpkin seed will kill ducks. The best way to feed pumpkins to poultry is to open them, remove the seed, and allow them to hull the meat out.

Experience teaches me that forced egg production is not only detrimental to breeders, but to future chicks and the owner's pocket-book.

I have had several to ask me to come and arrange a large poultry business for them. The lack of experience prompts them to write these letters. Now don't you suppose that if one cannot arrange their plant, that if it should be arranged for them and put in smooth running order, that after the expert left it to their keep, that failure would meet them? Again, I repeat, start in a small way and grow as you learn the business.

CHAS. R. HUMBER

Breeder of High-Class, Single Comb.

Butt and Black Orpingtons
COLUMBUS, GA.

PLANT'S S. C. R. I. REDS

Winners at Georgia State Fair, Macon, 1910: 1st cockerel, class of 25; 1st hen, class of 17; 1st pen, class of 12, and 2d pullet, class of 25. **Largest and Best Display of Reds, both combs competing.** Cockerels for sale at \$5, \$10 and \$15 each. Eggs \$1.50, \$3 and \$5 per 15. Satisfaction guaranteed

R. H. PLANT, Box 50, Route 1, Macon, Ga.

S. C. WHITE ORPINGTON EGGS FOR SALE

If you want them for extra fine show birds or utility stock, we have them. Our egg records will compare with the best. A few choice cockerels for sale, either Cook or Kellerstrass strain. Write for mating list.

Sunny Slope Poultry Yards

23 Phifer St., ASHEVILLE, N. C.

Print a Picture of Your Breed on Your Stationery

We have hundreds of cuts of poultry, pigeons, ducks, geese and turkeys from one to ten inches square. You should have your stationery illustrated. If you prefer to use a cut of one of your own birds send us the photograph. We have excellent facilities for making the very best half-tone cuts that may be used in poultry journals or on stationery. Ask for proof of cuts of any breed you like, mentioning size. They will be sent free.

THE INDUSTRIOUS HEN CO.,
Knoxville, Tenn.

200 Pages **GREIDER'S** 100 illustrations
FINE CATALOG

Best reference book of pure bred poultry, for 1911, over 200 pages. 57 large pictures of fowls in natural colors. Calendar for each month. Illustrations, descriptions, photos, incubators, brooders, information and all details concerning the business. Tells where and how to buy fine poultry, eggs for hatching, supplies, etc., at lowest cost. In fact, it is the greatest poultry catalog ever published. Send 15c for this handsome book, postpaid.



THIS BOOK has guided hundreds of poultry raisers to success. Testimonials sent.

B. H. GREIDER, Box 101, Rheims, Pa.

Nine-tenths of the poultry ills are the result of lice. When they are found dead, without apparent cause, look for head lice on chicks and for spider or tick lice on the old stock.

Allow turkeys all the range possible. Never feed the breeders and the stock to be fitted for market together. Mama always fed each poult a grain of black pepper, kept them penned while the dew was on until about four weeks old, after which they were allowed to go at will.

One subscriber wants to know why there are so many different opinions in poultry culture on the same subject. No two persons see, think and conclude alike. This is the best reason I know.

There is very little difference in the location of a poultry plant. If eggs, broilers and market stock is the aim, near a large city would be preferable; but for fancy stock and shipping eggs for hatching, anywhere that grain, green food and a suitable amount of protein or meat food can be provided will do.

Any receptacle that can be kept clean will do to keep water in for poultry. The writer has arranged one that will be patented, which will be a time saver.

No where beats an orchard for raising. Here they get shade, fruit and bugs, all of which are beneficial to poultry. Allow weeds to grow up around the fences, dig a plot of earth under them and watch results.

Leg weakness in chicks is for the lack of green food, meat food, the right kind of grain food, too much of it and for the lack of enough exercise.

There has been much said about wind puff in chicks. Imperfect nutrition, eggs from debilitated stock, changes of the weather are the main cause for the trouble. Cut a large V in the skin to

KING LEAR AT STUD

This fine young stud, twelve months old, out of Beauty Bright by Ben Hur, is the most perfectly marked, sable and white Collie we ever saw. He has a fine head, perfect ear-carriage, elegant coat and is as bright as a dollar. His dam is the daughter of Anfield Major Ch. Anfield Model, Ch. Parbold Piccolo, out of Ch. Cordia, Brandane Clinker, Wishaw Princess. Stud fee \$10.00. Will sell him for \$150.00.

KNOX COLLIE KENNELS,
Knoxville, Tennessee.

allow the accumulated air to escape and keep this open until the abrasion in the air cell of the lung heals.

A white puss in the mouth, especially under the tongue, denotes canker. Apply a little boric acid to the raw sore after removing the puss.

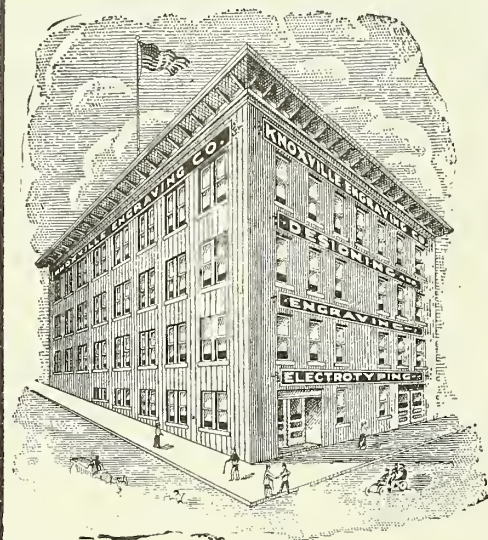
There is pleasure in well-bred, well-kept poultry. There is nothing more unsightly than a filthy hen house and yard. These can be made the neatest of all quarters and kept so.

A rigid system of selection should be practiced by all. During all the stages of the life of a flock, the weak should be culled and sent to market.

Study each branch of poultry culture. There are several.

KNOXVILLE ENGRAVING CO.

(INCORPORATED 1900)



MAKERS OF
HIGH CLASS CUTS
KNOXVILLE, TENNESSEE
STATE AND UNION STS.

"XX" EGGS

are the **fertile eggs**. Testimonials stating 100% hatches from such eggs. **10 solid pages of testimonials!** You can pick them all out BEFORE you incubate. Our free circular tells the whole story. Tester with best instructions for incubation \$2.00. 30,000 in use. Sent by registered mail. If not satisfied by March 1, 1912, money refunded.

MAGIC EGG TESTER WORKS, Dept. G.
Bridgeburg, Can. ; ; ; Buffalo, N. Y.

S. C. BUFF LEGHORNS

THE QUALITY KIND

ROBERT P. ADAMS

R. F. D. 1, Lynchburg, Va.

S. C. BUFF LEGHORNS

Eggs, layers, breeders, winners
P. M. BROWN : : Paducah, Ky.

OWEN FARMS

BUSY TIME

This is a wonderful season here on the Vineyard and especially at Owen Farms. Our hatching season is not over and will not be over until the tenth of August, for last year we shipped eggs in large numbers almost up to our capacity right through the month of July and up to the tenth of August, and we expect to do it this year. The chicks that are hatched from the first of August to the last of August make wonderfully rapid growth and get on finely, and it is astonishing to see how near these August hatched chicks approach in size and condition those hatched the last of May or first of June. We shall be ready to fill all orders for eggs for hatching at our usual half price terms up to August 10th.

BARGAIN SALE OF BREEDERS

We are particularly busy now going over all of the birds in our pens, estimating the value of each and every bird and getting them into trim, so as to be able to handle your inquiry in regard to just what we have to offer upon the usual June, July and August sale. We have 1,200 breeders in our pens; 600 of these we are ready to sell to you at one-half the price that we would sell the same birds for prior to our breeding season. We can enter into correspondence with you at once and make delivery as soon as we can satisfy you of the quality you want and the price which is proper to go with it. I urge upon you that this is the grandest and largest opportunity for very high-class breeding birds that Owen Farms has ever had the privilege of offering you.

CORRESPONDENCE

This is the department that keeps us extremely busy at this time, for we have a very large number of applications for guaranteed winners for the future shows. **FOURTEEN MONTHS** is the record for booking an order for a guaranteed winner for one of the largest shows before the show was to be held. Think of that! Over one year before the delivery was to be made we had booked the order and had received one-quarter payment in advance for a bird guaranteed to win in a show in one year and two months from the time of booking the order. I dare say that no farm in the world has ever booked so many orders for future delivery and so long in advance as Owen Farms, and the reason is not far to see. **THE GREATEST BARGAINS** ever given by Owen Farms have been their guaranteed winners to their customers, and these have included all of the shows not excluding New York. Think of it; months in advance arrangements have been made with us for these birds and we have carried out the engagement in full and won for our customers, and we are going to do it this year. Only one customer to a class is considered by Owen Farms and if we have made an engagement with anybody else we cannot make an engagement with you. That is why everybody is coming to us early and making their engagements as promptly as possible.

So I say to you, if you contemplate and know that you want to win a certain show, now is the time to commence correspondence about it and to place your order providing that you can agree with us as to the terms.

One strong statement I want to make. No guaranteed winner that we have sold during the last year has been worth less than double the price paid for it to the customer, for the winning is not only made, but the breeding bird that made it has done wonders in the breeding pen as well as in the show room. Get full information about it early and make your decision and book your order so that you will not be disappointed later.

BEST SEASON KNOWN AT OWEN FARMS

This is by far the best season for hatching and growing of chicks that has ever been known at Owen Farms. Our fertility has been good, our hatches have been large and strong and the chicks have lived, and we are prepared surely with two or three times as many early chicks as ever before, and early fall showing will be our specialty. You can depend upon getting what you want in any and all of our varieties for showing from Aug. 1 on. Busy on the farms? Yes, thrice busy during these months of June, July and August when we are maturing and growing thousands of chicks in each of our varieties, giving them the very best of growing food, large range and facilities that it is worth coming a long distance to see.

OUR VARIETIES

White Orpingtons
Buff Orpingtons
Black Orpingtons
White Plymouth Rocks
Barred Plymouth Rocks
White Wyandottes
S. C. Rhode Island Reds
R. C. Rhode Island Reds

135 William St. OWEN FARMS, Vineyard Haven, Mass.
Wm. BARRY OWEN, Prop. MAURICE F. DELANO, Mgr.

EVERYTHING FOR POULTRY KEEPERS



COMPLETE CATALOGUE, FREE, POSTPAID
IF YOU MENTION THIS PAPER

WE MANUFACTURE MORE THAN ONE HUNDRED ARTICLES

for up-to-date, progressive poultrymen and women, ranging from Cyphers Mammoth Compartment Incubators holding 50,000 eggs at one filling down to 10-cent trial packages of Lice Powder, and every article is warranted to be as represented and is guaranteed to give satisfaction or money refunded. Standard goods we manufacture and sell include the following:

Incubators
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Brood Coops
Chick Shelters
Brooder Stoves
Leg Bands
Egg Packages
Egg Testers
Caponizing Sets
Scratching Food

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Chick Food
Forcing Food
Laying Food
Short-Cut Alfalfa
Meal Alfalfa
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Poultry Remedies
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Lice Powder
Lice Paint
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Anti-Fly Pest
Egg Preservative
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Root Cutters
Nest Eggs
Poultry Books

OUR COMPLETE CATALOGUE FOR 1911

Tells about freight rates, gives prices, etc. Full of money-making suggestions, helpful facts, instructive pictures, etc. Illustrates and describes our \$40,000 poultry farm—the largest in the world owned and conducted by an Incubator, Brooder and Poultry Supply Company.

THIS BIG CATALOGUE and Poultryman's Guide is **FREE** postpaid to any address if you will kindly mention that you saw our advertisement in this paper. Note below our six places of business in the United States which insure low freight rates and prompt delivery of goods. Address Home Offices or Branch Store nearest you.

CYPHERS INCUBATOR COMPANY, Dept. 13, BUFFALO, N. Y.

BRANCH STORES AND WAREHOUSES

NEW YORK CITY, N. Y.
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BOSTON, MASS.
12-14 Canal St.

CHICAGO, ILL.
340-344 N. Clark St.

KANSAS CITY, MO.
2325 Broadway

OAKLAND, CAL.
1569 Broadway

Announces Reduction on Eggs.

C. L. Buschmann, the R. C. Rhode Island Red specialist, Indianapolis, Ind., announces a reduction on the price of eggs beginning June 1. Breeders seem to think that eggs hatched late will cause the chicks to not thrive so well, but we should note what Mr. Buschmann has to say on this subject:

"Breeders of all varieties, with a little extra care and common reasoning, can hatch late birds and be very successful, if they will set their hens properly. By this we mean, make a nest where they can close their hen in, place in the bottom about three inches of dirt a little hollowed out and moisten the nest every two or three days with a little warm water. Let the hen off regularly every day from twenty minutes to one-half hour. Dust the hen thoroughly with lice powder and use sweet cream on the heads and necks of the little chicks as soon as hatched. Repeat in about a week and you will find that late hatched chicks can be reared successfully."

In support of the above, several of Mr. Buschmann's most noted prize winners, including King Phillip, Prairie Fire, Wildfire, Waupaca and Flame were all late hatched birds.

To Buff Cochins Breeders.

Owing to the fact that there was not a quorum present at the last meeting of the American Buff Cochins Club at the International Show of Buffalo no business was transacted. However, a few changes in the officers have taken place which we desire to make known to those interested. They are as follows: President J. J. Hare of Whitby, Ont., has resigned in favor of Mr. C. W. Case of Rochester, Mich., Dr. Hare to hold office of Honorable Past President. Secretary-Treasurer C. W. Chase of Rochester, Mich., has resigned in favor of C. W. Best of Charlotte, N. C. The above changes are all that have taken place since the meeting at New York 1909-1910. All other officers remain as before.

It is our desire that every breeder and admirer of Buff Cochins shall become affiliated with this Association,

which is working hard to place that variety back to its former prominent position in the poultry world, and it is with pride that we can point to the increase in the entries at our most prominent shows during the past three years in our classes which encourages us to believe that we are making some progress. We will be very glad to receive applications for membership from all reputable breeders, and any information desired will receive the prompt attention of the secretary, C. W. Best, Charlotte, N. C.

Barred PLYMOUTH ROCKS

Eggs from prize-winning strains. \$2 for 15. Farm raised, extra healthy. All eggs guaranteed to be fertile. Order from this ad, or write at once to

SHADY LAWN POULTRY FARM

MRS. JAS. R. PHILLIPS, Box 10G, Sugar Grove, N. C.

"Blue Grass 'train'"

WHITE ROCKS

Popular type of proven Quality.

R. L. JAMES, Box H, Lexington, Ky.

S. C. BROWN LEGHORNS

EGGS FROM PRIZE-WINNERS

\$3.00 and \$5.00 per 15. : : :

of superb quality. At the big Laporte Show, 1911, I won 1st cock; 1st, 2d, 3d cockerel; 1st, 2d, 3d hen; 1st, 2d, 3d, 4th pullet; 1st, 2d, 3d pen; special for best hen in Mediterranean class. Have shown winners for years and am ready to sell eggs from these winners. Five grand pens mated for the egg trade. No birds scoring less than 90 and some as high as 94%. Am now booking orders for eggs, so write and get my free mating list.

HERBERT MOELLER

Box 112 : : LAPORTE, INDIANA



RHODES'

White INDIAN RUNNER DUCKS

Eggs, \$6 per 12. Taking orders now for stock, fall delivery.

Also Standard Fawn and White Runners

Eggs, \$2.00 per 12; \$5.00 per 50; \$10.00 per 100.

MRS. A. N. RHODES : Newcastle, Indiana

Buff ORPINGTONS Black WHITE WYANDOTTES

The kind that LAY, WIN and PAY. Let me send you my mating list. A few good Cockerels for sale at a Bargain

E. W. PHILLIPS

PINE BLUFF, ARK.



LOOK

RHODE ISLAND REDS

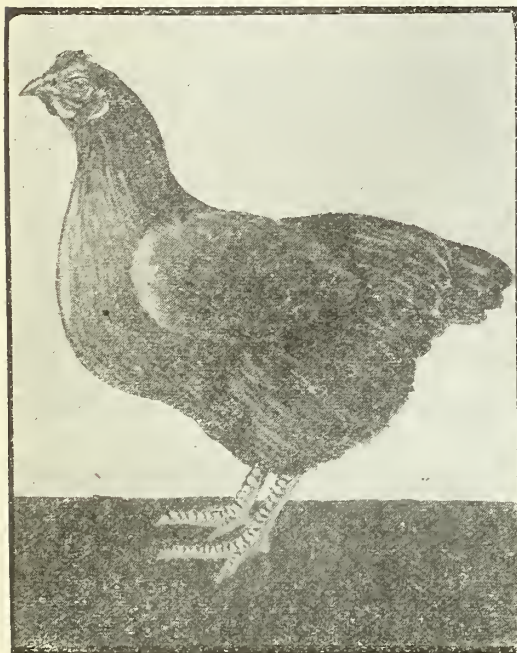
READ

A CHANCE OF A LIFETIME. Eggs at one-half price for the balance of the season, from our famous Rhode Island Reds. Such noted birds as King Phillip, Wildfire, Prairie Fire, Firelight, Waupaca and Flame were June and July hatched birds. If we can raise such magnificent specimens in June and July why can't you? Many of the best females we raised last year were June and July hatched. We will do the same this year. On account of our large number of breeding pens we can furnish eggs promptly. Have you seen the "Origin and History of Rhode Island Reds?" If not, send twenty (20) cents in stamps and same will be forwarded you at once. Our birds have won more prizes in the last two years than any other strain. Our prices: all \$5.00 pens \$2.50, all \$10.00 pens \$5.00, all \$15.00 pens \$7.50, and all \$20.00 pens \$10.00.

C. L. BUSCHMANN,

N. Meridian St., Indianapolis, Ind.

Eady's S. C. Rhode Island Reds



EGGS AT HALF PRICE

We will sell you eggs from May 15th. until November 1st. at half price, from \$1.00 to \$2.50 per setting of 15 eggs. We have some nice young hens and cocks for sale at a reasonable price.

C. W. EADY, Guntersville, Ala.



How to Make Money Raising Poultry

Illustrated

PRICE 50 CENTS

Fac-simile of Cover Page

Wealth in Poultry

300 page book shows you. Illustrated. Teaches how to raise for profit. 200 vital subjects indexed. 20 disease cures. Book is worth \$5, mailed for 50c; or with "Industrious Hen" 1 year for 75c. Money returned if not satisfied. Circular and sample of "Industrious Hen," leading Southern poultry journal. FREE. INDUSTRIOUS HEN CO. KNOXVILLE, TENN.

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THE FARM OF QUALITY

STOCK, DAIRY and POULTRY FARM

Operated in Connection with

THE NEW KIMBALL

ATLANTA, GA.

WILL V. ZIMMER, Proprietor

EGGS FOR SALE

S. C. White Leghorns, \$2 to \$3 per 15; Crystal White Orpingtons, famous Kellerstrass Strain, \$10 to \$15 per 15; Pekin Ducks, \$3 per 11; Indian Runner Ducks, \$3 per 11.

Give Us a Trial Order
Write for Prices on Our Stock

FLOTSAM and JETSAM

By The Associate Editor

Robertson County, Tenn., reports much poultry being raised.

Efforts are being made to secure a new building for the poultry department of the Kentucky State Fair

Bear in mind that "a louse born in the morning is a grandfather by night," and that eternal vigilance is the price of success.

The Jefferson County Poultry Association at Pine Bluff, Ark., has issued a 36-page directory of its membership, with a classified directory of breeds they handle. The association has 136 members. Their show will be held Nov. 27 to Dec. 2.

The Faulkner County Poultry Association, of Conway, Ark., has elected the following officers: President, G. L. Bohner; first vice-president, Amos Halter; second vice-president, J. F. Fleming; secretary, John W. James; treasurer, L. E. Halter; superintendent, L. B. Pence; and these officers together with L. B. Walthal will compose the executive committee.

A bill providing for a poultry commissioner and a \$5,000 appropriation passed the Oklahoma legislature, but was vetoed by the governor.

A good move is that by the Poultry Press Association in issuing a list of breeders who do not pay their bills and are classed as dead beats. We trust the time is not far distant when this class will be eliminated from the poultry industry.

Mr. Will A. Hale, Lebanon; Miss Alice Pelton, Nashville, and Miss Mary Cantrell, McMinnville, are new American Poultry Association members from Tennessee.

Mr. Rellie Steed died at his home at Lebanon, Tenn., late in May. He had been quite successful in the show room, and was a true fancier and an honest gentleman.

The State Legislature of Missouri has appropriated \$20,000 to be used in establishing a state poultry experiment station. They sho' know how to do things out in old Missou.

It is estimated that sixty million eggs were laid in Florida last year, and that two million were hatched. And even at that Florida imports large quantities of poultry and eggs every year. Much of

this, however, is shipped to foreign countries.

The Oklahoma County Poultry Association has been organized at Oklahoma City with a capital stock of \$2,500. An effort will be made to secure one thousand members, and to land the State show for 1912. The 1911 state show will be held at Muskogee.

S. C. White Leghorn Eggs Only

Satisfaction guaranteed or your money will be refunded. Birds scored by Savage from 93 to 94. MET L. WILBOURNE, Pine Bluff, Ark.

LaFollett's Weekly MAGAZINE

and The Industrious Hen, both one year, and a copy of "Hen and Chicks" for \$1.25. Send orders to THE INDUSTRIOUS HEN, Knoxville, Tenn.

S. C. B. ORPINGTONS

The Kind That LAY, WIN and PAY. Winners in a class of 180 Buffs at Augusta show. Classed with world's best. WINNINGS—1st hen, 2d cock, 4th pullet, 3d and 4th pen. Stock for sale that will win for you and breed you winners.

ROSE HILL POULTRY YARD

O. A. Muse, Prop. Box 4, Decatur, Ga.

S. C. White Leghorns

Will have lots of stock for sale from my exhibition pens for Fall shows. Eggs from best pens, \$1.00 per 15 balance of season.

J. B. VINSON

1020 Mulberry St. : PINE BLUFF, ARK.

BUFF PLYMOUTH ROCKS

Cockerels and pullets bred from our Louisville, Ky., winners. Single birds, pairs, trios or pens in any number. Birds good enough for show or breeding pen. Quality backed by years of skillful mating. New standard, fawn and white

Indian Runner Duck Eggs

Greatest laying fowl the world has ever produced.

J. C. CLIPP

Box 700 SALTILLO, IND.

S. C. B. MINORCA SALE

We can spare the following surplus stock, and will quote exceptionally low prices for quick sale.

Remember all this stock is from Pape's celebrated prize-winning, heavy egg laying strain.

Two pens, each contains six fine yearling hens, and a handsome stylish, vigorous young cock bird.

Fifty young pullets and cockerels, from one to two months old.

This is a fine opportunity to obtain high class stock at bargain prices, as we will not sell any more stock this year.

Write us quickly—first come, first served.

DIXIE MINORCA FARM, Bristol, Tenn.

D. W. Young to Judge Leghorns

Arrangements have been perfected whereby that king of White Leghorn breeders and exhibitors, D. W. Young, of Monroe, N. Y., will judge this variety at the Great Allentown Fair Poultry Show, Allentown, Pa., Sept. 19-22. This will interest many breeders of White Leghorns and, as this is practically the first large poultry show Mr. Young has judged at, it will give a wide area of breeders a chance to have their birds passed on by Mr. Young. An opinion by this premier authority on this breed will be worth sending birds a thousand miles, and may be a chance not offered again, for thoroughly competent as he is, Mr. Young does not intend to make a practice of judging. The Great Allentown Fair Poultry Show, as will be seen by the advertising in another column is one of the biggest and best poultry shows in America, and pays cash premiums large enough to make it worth while to show. It will also have a table egg show and breeders of White Leghorns are especially urged to send eggs.

North Mississippi Show.

The executive committee of the North Mississippi Poultry Association, which will hold its first annual show at Tupelo, Dec. 5-7, has met and fixed the awards and they are far in excess of the usual premiums offered; in fact, there have been but few shows in the South that have offered such an attractive lot of premiums. The entry fee is to be 25c and regular premiums will be \$2.00, \$1.00 and 50c on singles and \$3.00, \$2.00 and \$1.00 on pens. There will be

INDIAN RUNNER DUCKS, B. P. ROCKS, MOTTLED ANCONAS

Full feathered ducks, \$1.25 each; eggs, \$1.25 per 15. S. C. Mottled Anconas, eggs and stock for sale. Barred Plymouth Rock eggs, \$1.00 per 15.

RIVERVIEW POULTRY FARM, W. F. Bayless, Prop., Morristown, Tenn.

SILVER - LACED WYANDOTTES

BEST IN THE SOUTH

THEY have proven their worth by winning in three of the South's greatest shows held this fall. At the Tri-State Fair, Memphis, won 1st cock, 1st cockerel, 1st hen and 1st pullet; at great Appalachian Exposition Poultry Show, Knoxville, won 1st cock, 1st hen, 1st pullet and 2d cockerel; and at Mississippi State Fair, Jackson, won 1st and 2d pullet, 2d hen, 2d cockerel and 2d pen. This is a show record that stamps my birds among the best in the country. EGGS—From pens 1 and 2, containing prize winners, \$3.00 for 15; pens 3 and four, good as the best, \$2.00 for 15. Book your orders now for eggs.

M. E. JARRATT, Route 2, Batesville, Miss.



ROYAL STRAIN BARRED ROCKS

Have won for us in the past two years at the following shows and they will win for you. 2d cockerel, 2d and 3d hen, 4th pullet, 2d pen, Greenville, S. C., 1909; 4th cockerel, Spartanburg, S. C., 1909; 1st pullet, Charlotte, N. C., 1909; 3d cockerel, 1st hen, Atlanta, Ga., 1910; 1st cock, Augusta, Ga., 1910; 4th cock, 2d and 5th hen, Charlotte, N. C., 1910. EGGS—\$3.00 per setting of 15; two setting for \$5.00. Incubator eggs, \$1.50 per 15; \$8.50 per 100.

DES-RENA POULTRY YARDS
GREENVILLE, S. C.

HOME AND MARKET CANNERS

For canning all kinds of Fruits and Vegetables, Fish, Oysters, etc. Portable and Furnace, Stationary and Kitchen Styles. All sizes and capacities.

Pleasant and profitable business. Write for free catalogue.

Home Canner Co., Hickory, N. C.

YOU Don't know what we have
YOU Don't know what we save
YOU---Catalogue tells.

LEC BANDS

Send name now for many free samples and prices. Most complete line of highest quality bands for every use.

SMITH SEALED Used by America's leading Fanciers. Prices: 12, 30c; 25, 50c; 60, \$1.00; 100, \$1.50; 500, \$6.50; 1000, \$12.50; postpaid.

LEADER ADJUSTABLE Smoothest and most secure fastening ever invented. Prices postpaid: 12, 15c; 25, 25c; 50, 40c; 100, 65c; 250, \$1.50; 500, \$2.75; 1,000, \$5.50.

Samples of these and many other styles free if you send postal now for booklet.

KEYES-DAVIS CO., Ltd., Mfrs.
Dept. 520, Battle Creek, Mich.

IN HOT COMPETITION

Drevenstedt, the best Barred Rock Judge in America, judging, to win 1st, 2d, 3d and 4th cockerels means I could have left my three best birds at home and still won the coveted 1st prize on cockerels at the Kentucky State Poultry Show. Besides the above I won 1st pen; 2d and 3d hen; 2d and 3d pullet; 2d cock; silver cup for best display, all varieties competing; gold special for best display B. P. Rocks and other specials. The above, with my clean sweep on cockerels at the Blue Grass Fair and my marvelous winnings at the Appalachian Exposition, and in addition my winnings for the last four years, stamp my birds **the best—the very best**. All were bred by me and are in my breeding pens for 1911. Eggs for sale at \$5 for 15 straight. 50 elegant pullet-bred cockerels for sale at \$5 each to make room for my breeding stock. **THE POINDEXTER POULTRY YARDS, Barred Plymouth Rocks Exclusively, Harry Martin, Owner and Breeder, Pointexter, Kentucky.**

MOTTLED ANCONAS

The wonderful new egg-laying breed that is attracting so much attention all over the United States. They combine great utility with striking beauty, and won the admiration of thousands at the Tennessee State Fair and the Appalachian Exposition. They will please you, make money for you and prove a good investment. A. P. A. Diploma awarded to us for best cockerel in Mediterranean class at Tennessee State Fair. Biggest collection of ribbons ever awarded an Ancona breeder in the South. Stock for sale. Eggs at half price. Watch us at the big shows this fall.

DISMUKES & ARRINGTON : : Castalian Springs, Tenn.

DAVIS' S.C.R.I. REDS

Winners at Chicago, Ill., Memphis, Tenn., Augusta, Ga., Birmingham, Ala., Lebanon, Tenn. and Tennessee State Fair. 1911 catalogue and mating list FREE. Grand lot of cockerels for sale from \$1.50 up :- :- :- :- :-

FRANK G. DAVIS
Rosebank Poultry Farm, Nashville, Tenn.

BETSCHER'S HIGH-GRADE Barred Rocks

Winners at the Leading Shows

Line bred, both cockerel and pullet matings that produce winners. Eggs for sale. Also Strawberry plants. Quality is our motto.

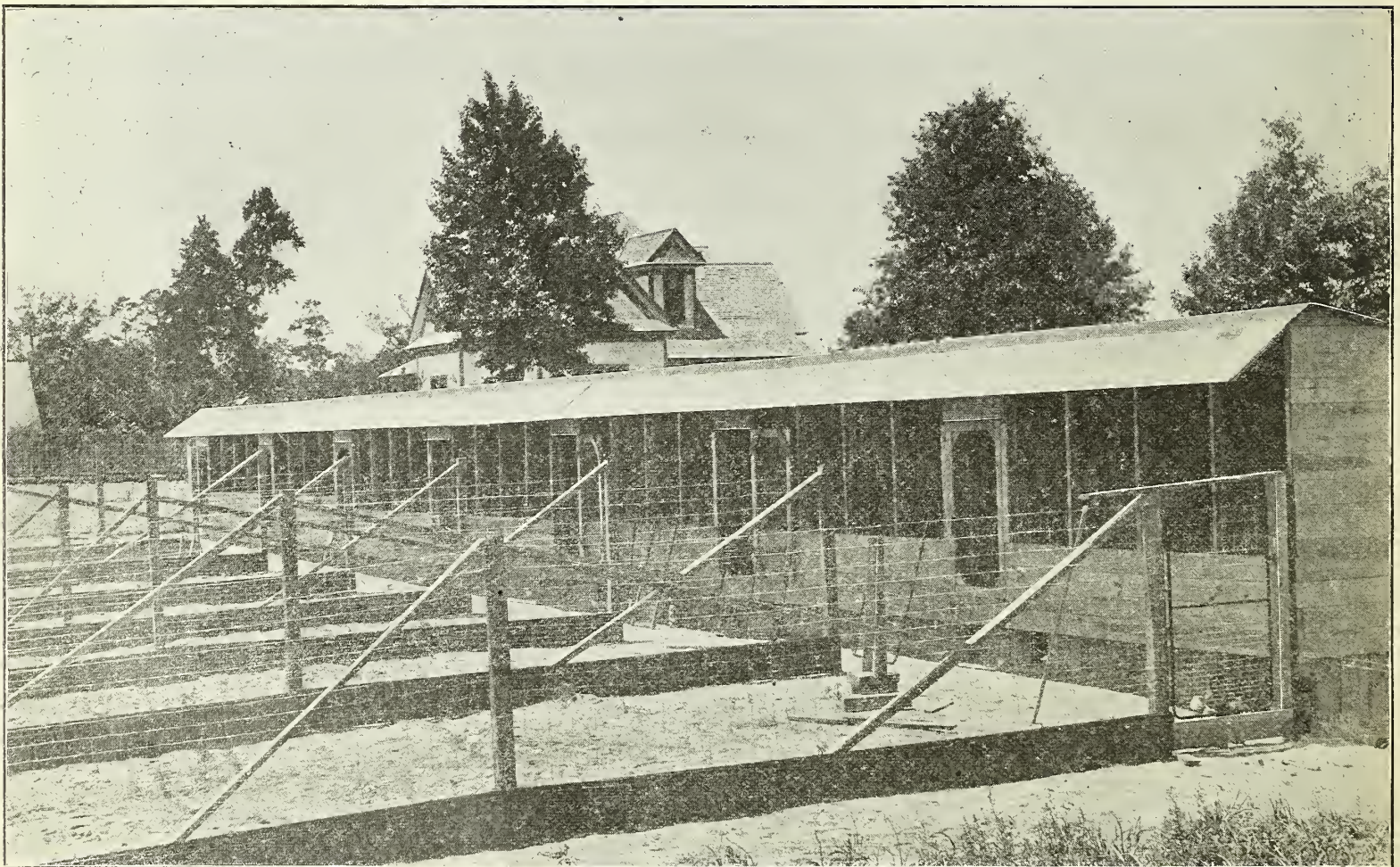
J. BETSCHER, Canal Dover, O.

several hundred dollars in cash specials and over \$600 in silver cups, besides the A. P. A. medal and diplomas and the ribbons of many specialty clubs. This is surely an attractive display and the association's capitalization enables them to fully guarantee every bit of it. They intend to hold one of the largest, if not the largest, show ever cooped in the South, and it will be absolutely clean and above reproach in every way. The association owns its coops, and are prepared to properly receive and care for all exhibits.

Senator Taylor Offers Prizes

Senator Robert L. Taylor has offered \$100.00 for a free trip to Washington to the member of the Boys' Corn Club of Tennessee who grows the most profitable acre of corn in accordance with the rules of the Farmers' Co-operative Demonstration Work, of the United States Department of Agriculture.

No greater honor could come to a boy than to capture this splendid trip. He will be shown through some of the best farms in the United States, through the Department of Agriculture at Wash-



NEW POULTRY BUILDING OF BERNICE POULTRY BLOCK, BERNICE, LA.

This building is 105 feet long, containing 7 stalls 10 x 15 feet, with a 5 x 10 scratching shed in each, also trap nests. Mr. T. E. Newton, the owner, will begin soon the erection of another poultry building 80 feet long, making the third house on Bernice Poultry Block, where over 400 White Orpingtons are kept.

R. C. RHODE ISLAND REOS

First class stock or eggs at reasonable prices. Send for mating list.

PEYRAT & ROY, Box 32X, Jeffersonville, Ind.

PARTRIDGE WYANDOTTES

Send for catalogue and list of winnings at such shows as Baltimore, Pittsburg, etc. Let me tell you why they are the best of all the Wyandottes.

M. N. GECIL, Route 4, Elm Grove, W. Va.

WHITE DIARRHOEA

Prescription 3 cures it. J. C. Fishel writes: "It does the work. Rush 3 dozen more boxes." 25c a box or six for a dollar. CHEVIOT SUPPLY CO., Cincinnati, Ohio.

FIRST HEN and COLOR SPECIAL on BARRED ROCKS

at Cleveland, 1911, in the largest class ever shown there. EGGS—\$3 per setting. Stock.

F. A. STARR
Newton Falls, Ohio

Indian Runner Ducks

Eggs, \$1.00 per 15, or \$5.00 per 100.

S. C. Buff Orpingtons

Eggs, \$1.00 per 15, or \$5.00 per 100.

C. T. HALE, Route 7, Morristown, Tenn.

FOR SALE

CORNEAUX PIGEONS

40 mated pairs. Will sell one or as many pairs as wanted. These Pigeons come direct from imported stock. No better in America. For prices write to

C. C. PRATHER, Athens, Tenn.

EGGS—EGGS—EGGS

\$2 per 15 for balance of this season from high-class, cockerel-bred Barred Rocks of the famous E. B. Thompson strain. Order now. Satisfaction guaranteed.

CLARENCE YOUNG : Sweetwater, Tenn.

White ORPINGTONS Buff

OF QUALITY. Eggs from High-Class stock at reasonable prices. quality considered. Satisfaction guaranteed. Seven years experience with both varieties. Mating List for the asking.

DR. J. A. POSEY : Frankfort, Ky.
Mention "The Industrious Hen"

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SPRATT'S CHICK MEAL
SPRATT'S POULTRY FOOD
SPRATT'S PHEASANT MEAL
SPRATT'S CHICK GRAIN
SPRATT'S DOG CAKES
SPRATT'S PUPPY CAKES
Send stamp for "Dog Culture."

SPRATT'S PATENT, Ltd.

Fact. and Chief Offices, NEWARK, N. J.
Depots at San Francisco, Cal.; St. Louis, Mo.; Cleveland, O.; Montreal, Can. Res. Supts. at Chicago, Ill., and Boston, Mass.

**Crown Bone Cutter**

Hens fed cut green bone lay more eggs. Get a Crown Bone Cutter. Send to-day for catalogue. Wilson Bros., Box 816 Easton, Pa.

BEST MADE
Lowest
in Price

ington, and given a Certificate of Honor from the Secretary of Agriculture, introduced to President Taft and shown many other courtesies.

Every member of the Boys' Corn Club should see to it that his acre and yield are carefully measured and certified to by two reliable men in his community. A careful record should be kept and certificate made by the boy and his father, as well as the committee.



W. A. ADAIR.

Editor of the *Daily Messenger*, Marshall, Texas, an enthusiastic amateur poultryman, and once mayor of Marshall. Mr. Adair is one of the best known newspaper men in the South, a practical printer, a forceful writer, well traveled, and withal a genial companion.

The Size of Flock.

There are all sizes of flocks and all amounts of space allowed to hens under the different systems of maintenance. By the Philo system hens are run in flocks of six with about three square feet of floor space allowed each hen. On the Corning plan the hens are run in flocks of 1,500 and are given 3.5 square feet of floor space each, half of which is under the house and is not largely used. Here are the two extremes. In flock size on the no-yard plan, and each of these people are successful in getting big egg yields, or at least claim they are. In New York state there are several plants built on this plan.

Long laying house, the pens 12 x 12 feet, each pen having a separate yard 12 x 150 feet. In each pen are kept twenty-five hens. This is termed the small flock liberal yard plan. A little more intensive plan is to make the yard and pen sixteen feet wide and run fifty hens in a flock. Division fences are expensive so some have adopted the plan of placing pullets in the long laying house in the late fall and keeping them confined until spring, by which time they are accustomed to their house and will return to it at night and to lay, then during the following spring and summer all flocks are allowed to run together in one large enclosure, allowing about three acres to 500 hens. This is the large flock liberal yard plan. One of the oldest methods is to have the hens in colony houses situated some distance apart and the hens given free range. These colony houses vary in size from the small portable house to about 12 x 20 feet for permanent houses, and the flocks range from ten to fifty hens. All these plans are successful in the right hands, so we cannot say there is any best way to keep hens, but a system once established should be adhered to.—*New England Poultry Journal*.

Let us build you a better Poultry House

for what it would cost you for the lumber.

Our No-Yard House is big enough for 20 hens. 6 ft. long, 8 ft. deep, 6 1/2 ft. high. We sell it all complete with roosts, laying boxes, dropping board and feeding platform at \$25. That is cheaper than you could buy the material.

BUCKEYE NO-YARD PORTABLE POULTRY HOUSES

have the approval of the U. S. Government, the National Poultry Association, and every poultry magazine published. It's built on the fresh-air plan that has revolutionized the whole poultry industry. It eliminates disease, the hens lay more eggs and they never bother your garden or your neighbor. Just the thing for the small city lot or the largest poultry plant. Let us tell you all about it in our book "The Modern Method of Poultry Keeping." It's free. Write to-day. THE BUCKEYE INCUBATOR CO., 525 Euclid Avenue, Springfield, O.

**The FAVORITE BAND**

THE BEST IN THE WORLD
12 for 15c, 25 for 25c, 50 for 40c, 100 for 65c.

CHAS. L. STILES
30 Columbia Bld. COLUMBUS, OHIO

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ALL the NEWS ALL the TIME!

EGGS FOR SALE

Two yards of handsome Mammoth Bronze Turkeys, second to none in Tennessee—the banner turkey state. A 48 lb. yearling tom, as near perfect as they make them, heads one of my yards, and a 35 lb. cockerel, a close second in quality, heads the other. 9 females of extra size and beautiful plumage, are mated with each of them. Four yards of B. P. Rocks, all excellent individuals of very best strains. Also White Pekin Ducks. MRS. W. J. LANDESS, R. 5, Fayetteville, Tenn.

SILVER WYANDOTTES

My birds have won their share of prizes at Knoxville, Augusta, Asheville, Wadesboro and Spartanburg. Look up their record. Eggs, \$3.00 per setting of 15.

GABRIEL CANNON, Spartanburg, S.C.

White and Barred ROCKS

Robinson breeds two of the best strains of White and Barred Rocks. Eggs from choice pen, \$1.50 per 15; others \$1.00 per 15. A few nice cockerels for sale.

R. D. ROBINSON : White Hall, S. C.

QUALITY REDS

SINGLE COMB

Silver Cup Winners New York State Show

Choice eggs from special mating, \$25 per 15. Five other grand matings, \$3 to \$15 per 15 eggs. Utility, \$6 per 100 eggs. Send for mating list.

W. M. WILLETS, Sherburne, N. Y.

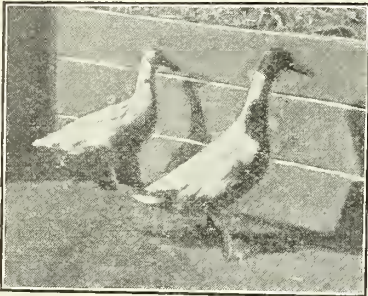
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"HOOSIER" BARRED PLYMOUTH ROCKS

at greatly reduced prices. Get price list and fine'y illustrated references to these birds. Improve the opportunity. **The Barred Rock Specialist**

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IMPORTED INDIAN RUNNER DUCKS



One of the best strains in America. **A record of 225 eggs a year.** Eggs—\$1.00 per 13. Day-old ducks—50 cents each.

S. C. WHITE and BROWN LEGHORNS
Eggs—\$1.25 per 15.

THE ALPINE EGG FARM
S. H. RIGGS & SONS Route 3, Morristown, Tenn.

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ORPINGTONS

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It is natural when you want the **Best Orpingtons**, any variety, that you send to their **Originators** for them. **Eventually** you will. Why not now? Send 10c for catalog with history of the Orpingtons and Hints on Poultry Keeping. Several thousand stock birds always for sale.

BANTAMS BUFF COCHIN and GOLDEN SEABRIGHT
93 ribbons on 98 entries for 1909 and 1910 at Nashville, Memphis, Birmingham, St. Louis and Kansas City. Eggs—\$2.00 per 13.
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Exclusive stock and eggs for sale in season. At Bristol, 1910, won 1st hen, 4th cockerel, 3d cock; at Abingdon, 1911, 2d hen, 4th cockerel, 4th pullet, 1st pen; at Roanoke, 1911, 2d and 4th hen, 4th cockerel, 4th pullet, 1st pen; also club special for best pen. **C. H. TRAMMELL, 328 Seventh Street, Bristol, Tennessee.**

75c Pays for one year's subscription to **The Industrious Hen** and a copy of "Hen and Chicks," or **How to Make Money Raising Poultry**, a \$300-page illustrated book on poultry.

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Eggs—\$3 and \$5 per 15. Guarantee a hatch of 9, or duplicate order for half price.
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Possibilities of the Hen.

The possibilities of the hen are unknown because so many poor layers keep down the average of the flocks, and this is true all over the country. That the average production of the hens of the country should be less than eighty eggs, while a few successful poultry keepers report averages for their flocks varying from 120 to 160 eggs each, shows clearly that there is some mighty poor layers. To be at all profitable a hen must lay seven dozen eggs in a year and this product must be intelligently marketed, and hens that produce over this number are valuable birds. It has not been demonstrated that breeding from heavy layers will increase production to any marked degree—that the trait is not one that is fixedly transmissible—so we must depend largely on weeding out the unprofitable birds in order to increase our flock averages, and this weeding out should commence with the chicks in the brooder. Weak birds are seldom profitable, so the sooner we get rid of them the better.—*New England Poultry Journal.*

A New Bulletin.

Bulletin No. 68 of Storrs's Agricultural Experiment Station is now ready for mailing. This publication bears the title "Bacillary White Diarrhoea of Young Chicks—Second Report," and brings up to date the investigation of this disastrous disease, which for the past two years has been conducted by Dr. Rettger and Prof. Stoneburn. The bulletin is a pamphlet of 28 pages, illustrated with a number of half tone cuts and drawings. It discusses briefly the scope and character of this important investigation up to the present time and the interesting results secured. Several pages are devoted to a consideration of matters of practical interest and suggestions as to possible means of combating the disease. Copies of this publication will be mailed free to interested poultrymen requesting it. Application should be made early, as the edition is limited, and will doubtless soon be out of print. Requests should be addressed to Prof. F. H. Stoneburn, Storrs, Conn.

FOR SALE Fine old country-cured Hams, Lard and Bacon. Write for delivered price.

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A 287 page book of instruction in modern, scientific poultry culture. Used as a text book in the poultry department of a dozen or more agricultural colleges and schools. Though written along thoroughly scientific lines, the author has carefully avoided technical terms, and anyone capable of understanding the simplest written language cannot fail to comprehend the full meaning of every subject treated. Nothing of value has been omitted and nothing useless has been included. It is the book for the beginner, and a careful reading of it will be of untold advantage to the more experienced breeder. Publisher's price \$1.50.

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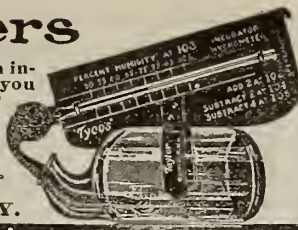
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"Tycos" Hygrometers

show the amount of moisture (humidity) in incubators. Don't risk eggs, time and money when you can insure hatches with "Tycos" instruments. A "Tycos" Thermometer is the Quality Mark in an incubator. Buy the machine equipped with it. Insist on the genuine. "Tycos" Incubator Thermometers, each, 75c. "Tycos" Incubator Hygrometers, each, \$1.50.

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ROCHESTER, N. Y.

**Psalm of the Hen.**

Tell me not in this age of greed,
The hen is but a feathered bird,
For the man is void of speed,
Who of her worth has never heard.

Hens are real, hens are earnest,
Their fruit is never spurned
Egg she was, and egg returnest;
Out of her are millions earned.

Full employment and not sorrow,
Is her destined end or way,
If she lays like each tomorrow
Was her last on earth to stay.

Time is short and time is fleeting.
Get fine eggs for hatching now.
Do not wait another season,
Raise fine chickens—do it now.

Lives of Rhode Island hens remind us.
We can make our names to shine,
In the Poultry world around us,
By this "laying strain" of mine.

Let us then be up and doing.
With an "Ad" that's up-to-date;
Still achieving—still pursuing
The hen that lays—now, don't you wait!
—Mrs. J. E. CALLAWAY.

Cheviot Farms Buy New Plant.

Milton W. Brown, of the Cheviot Farms, has just bought a new farm of twenty-three acres in the city of Cincinnati. The new plant is on the car line and only thirty minutes from Fountain Square and fifteen minutes from the depots. The new plant has city water and gas to run incubators and is ideally located for a show plant. This has been a great weakness of the Cheviot Farms in the past, as customers had to drive three miles from the end of the car line to see the best of his birds. After Sept. 1st, customers can visit the plant and see the cream of the birds for a five-cent car fare and get back to the depot in a few minutes.

In order to effect a saving in moving these birds twice, Mr. Brown is making a special sale and is offering the Buffs that won the championship of the United States under Judge Stanfield and the famous stud of the late Frank Sisson of England (of which Mr. Brown has the cream) as well as other famous winners in America. In this sale of Buffs, Crystal Palace and Birmingham winners, will all be offered at bargain prices. In Blacks, some of the famous Empress-Nabob birds will be offered at bargain prices and some English and American Whites in both single and Rose Comb will be offered. This will include Crystal Palace, Dairy, Birmingham and other famous winners as well as American bred birds out of the champion cockerel of England, imported last year by the Cheviot Farms. Until birds are sold, all eggs will be sold at great reductions: the \$30 eggs will be sold at \$10 and all other eggs save farm flocks at half price. The farm flock

birds will be sold and no more orders will be taken for eggs from the farm flocks. The Cheviot farms offer a free sale bulletin. Address them at Cincinnati, Ohio, and mention this publication.

Invitation to Poultry Press.

It has been the custom of the Tennessee State Fair for the past six years to furnish space and other courtesies due the poultry press free of charge. The same invitation prevails this year, Sept. 18-23, and we will be pleased to have the representatives of all the poultry journals with us as usual.—JOHN A. MURKIN, Superintendent Tennessee State Fair Poultry Show, Nashville, Tenn.

White PLYMOUTH ROCKS

Eggs, \$1.50 for 15.

S. C. BLACK MINORCAS

Eggs, \$2.00 for 15.

H. F. CARPENTER, New Middleton, Tenn.



S. C. RHODE ISLAND REDS
Golden SEBRIGHT BANTAMS
PARTRIDGE WYANDOTTES

Eggs for sale at \$2 to \$3 per 15.
Wyandotte cockerels for sale.

W. R. WILLSON
Route 5, McMinnville, Tenn.

BARRETT'S Blue Ribbon Strain Mottled Anconas

Are the kind that win and lay. Also S. C. Rhode Island Reds, White Orpingtons, Indian Runner Ducks and Toulouse Geese. A few choice cockerels and ducks for sale.

L. M. BARRETT, Morristown, Tenn.

BUTTERCUPS, S. C. B. MINORCAS WHITE WYANDOTTES

Eggs balance of season \$1.00 per 15
Young stock for sale Oct. 1st.

J. B. SANDER, Route 6, Paducah, Ky.

Wolf Creek Poultry Yards

M. H. SMITH, Proprietor

Barred Plymouth Rocks

Exclusively

**STOCK AND EGGS
IN SEASON**

Satisfaction guaranteed

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100 lbs - - \$2.25

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Eggs from prize-winning pens \$1.00 per 15. Hens from my breeding pens for sale \$1.25 to \$1.50 each. This offer includes birds that have won at numerous Virginia 1911 shows. H. C. ADAMS, Lynchburg, Va.

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Blue Ribbon Winners. Ten years experience in breeding this strain. The best for utility; lays the year around; the fowl for farmer and fancier alike. Don't wait until late in the season; order now and get the choice birds.

C. E. Spaug, Ruby, Ind., Strain.

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will cut tall grass, short grass and weeds, and do all the trimming along the fences, walks and drives.

If your dealers do not keep them, let us know, and we will send circulars and prices.

Clipper Lawn Mower Co.
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Brooksville POULTRY YARD

OLON NEFF, PROPRIETOR

A few high-grade Barred Plymouth Rock males and females for sale. The cockerels and pullets have been bred for health and vitality; also for egg-making, as they are from a hen that made me 221 eggs in one year. The sire of this stock is a fine show bird.

Cockerels, each, \$5 and \$7

Pullets, each, \$4 and \$5

Eggs for 15 for hatching, \$4.50

Eight eggs out of 15 guaranteed to hatch. Eggs at \$4.50 per 15 is 30c per egg, and if I fail to have the eggs to replace free of charge, I can return the amt. at 30c per egg, which change is easy to make.

OLON NEFF

BROOKSVILLE, HERNANDO CO., FLA.

Would You Give 50c For a Five Dollar Bill?

Send us 50c in stamps and we will forward by return mail, prepaid, a 300-page illustrated book entitled "Hen and Chicks, or How to Make Money Raising Poultry," that is worth \$5 to any man in the poultry business. It gives facts and figures. No use experimenting all the time. Profit by the other fellow's mistakes. Money returned if not pleased.

Valuable to Every Poultryman

Send 75c and THE INDUSTRIOUS HEN, the leading poultry journal of the South, will be sent for one year with the book.

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FOR THE POULTRYMAN
FOR THE FARMER
FOR EVERYBODY

We have hundreds of cuts to illustrate your Letterheads, Envelopes, Circulars, Mating Lists, Catalogues, etc.
Our charges are no more than your home printer's, and quality of our work far superior. GET OUR PRICES.
INDUSTRIOUS HEN CO., Knoxville, Tenn.

Reciprocity With Canada.

A reader asks what Canadian reciprocity does to the American hen. It does a lot. The United States is by far the leading source of Canada's egg importations, and Canada is a very large importer, and a small exporter of eggs. The imports by Canada of eggs from the United States average about 1,000,000 dozen per year, while Canada is only able to supply the United States an average of about 35,000 dozen a year. The duty on eggs, imported into Canada from this country, is 3 cents per dozen, as

against 5 cents per dozen on eggs imported into the United States from Canada. The reciprocity agreement makes eggs free both ways. As a trade bargain the United States gets 3 cents duty removed on 1,000,000 dozen eggs per year, and in exchange takes 5 cents a dozen off something less than 40,000 dozen per year.

That the Canadian market is a valuable one for American poultrymen appears from the statistics of prices gathered by the Tariff Board. In January, 1911, the wholesale price of new-laid eggs in Buffalo was 36 cents per dozen, against 40 cents a dozen in Toronto, and the retail price was 45 cents in Buffalo against 50 cents in Toronto. As far as the poultry business is concerned, we can see no ill effects from the reciprocal trade pact between the two countries; on the contrary, it will prove beneficial to each.—*Nashville Banner.*

Goose Robbed Cows of Milk.

A New Jersey farmer recently discovered that his cows were being robbed of their milk at night. He hired a detective to watch for the thieves. Although he could discover no thieves during the first two nights, the cows came home in the morning minus their milk, as usual. Finally it was discovered that a flock of geese from a neighboring farm were in the habit of running with the cows at night, and when the animals lay down the geese helped themselves to their milk. The farmer had the geese impounded and the owner had to get them back through the court.

The Value of Capons.

A few years ago capons were seldom found on sale except in some of the most exclusive markets, in the largest cities. This was largely because poultry men have only in recent years learned that caponizing not only insures a higher price per pound for their fowls, but an increase in weight for each bird. A capon not infrequently attains a weight of from fourteen to sixteen pounds, or practically twice that of the ordinary rooster, of the same breed or the same litter, and with other conditions exactly similar. The meat is always sweeter, always tender and usually just fatty enough to make it of good appearance and readily saleable at from 4 to 6 cents a pound above that of ordinary poultry. There has been some experimenting with capons in the South recently, and those who have tried the art of caponizing find that it is a very profitable business. Every poultryman who must depend upon the markets of the smaller cities or towns for their purchases need have no fear but that a demand for capons can be readily created even if it does not already exist. These birds have but to be offered for sale, even in the most remote hamlet. They will sell themselves, usually at any price within reason, which one may demand.

A Hen of Fighting Stock.

A news item from Mount Carmel, Ill., says that the Reverend J. W. Kilborn, pastor of the Christian church of that place has a hen that comes of fighting stock. The old hen was the mother of eleven little chickens. They were shut in a coop and one night the owner was disturbed by a noise in the coop. Investigating, he found that a big gray rat was after one of the chicks. He scared the rodent away, he thought, and retired again, having closed the one opening to the coop. When he went to the coop next morning he was astonished to see five of the little chicks dead. Also he saw the rat inside the coop in its death throes. He had shut it in the coop and the hen had killed it in defense of her babies.

In getting together on the question of a permanent organization, the poultrymen of Hamblen county have made a move in the right direction. Morristown is rated as the largest poultry and egg center in the South. There are several large and growing poultry farms in this section, and quite a number have become interested in the industry within the last six months. There is no reason in the world why the poultrymen of this county should not have a permanent organization.—*Morristown Republican.*

MY WHITE

Wyandottes

Eggs from pens containing winners at \$3 per 15, \$5 per 30, \$8 per 50. **GENUINE INDIAN RUNNER DUCKS.** Eggs \$1.50 per 13, \$3.50 per 50, \$5 per 100. Satisfaction guaranteed.

GEO. BARKDOLL, Box 218 West Unity, O

HEADQUARTERS FOR POULTRYMEN Hotel Imperial

Knoxville's Most Modern and
Up-to-date Hotel

LONG DISTANCE PHONES
IN EVERY ROOM

Rates: \$2.50 and up
Rooms with Bath,
\$3.50 and \$4.00 Per Day

AMERICAN PLAN

Parrish Strain

Columbian Wyandottes

Eggs Half Price

T. REID PARRISH
LICENSED JUDGE

North Sta. Nashville, Tenn.

BUFF ORPINGTONS

I have birds that will please you. Summer price on eggs from all pens \$2 for 15. Stock for sale. WEST LAWN POULTRY YARDS, J. C. DENNIE, 51 Gilmore Avenue : Nashville, Tenn.

MY GREAT INCUBATOR OFFER HAS BEEN ACCEPTED

by thousands of satisfied customers. During all of this season I have been selling

THE NEW BUFFALO

Incubator at just about 1-2 the price that any machine of anything like the quality has ever before been sold for. If you did not get yours you are money out of pocket unless you write at once for particulars.

Send today for prices and full information. Address

CHAS. A. CYPHERS, Pres.,

Buffalo Incubator Co., 4714 Ellicott Sq. Buffalo, N.Y.



Appreciated Commendation.

In connection with a double column halftone of our managing editor, *The Atlanta Daily Georgian* recently published the following complimentary article:

"Mr. L. B. Audigier, the subject of this sketch, is well known to the fraternity throughout the United States, and more particularly so in the South, where he has attended most of the larger shows and mixed with the boys. He has been for a good many years the editor of *The Industrious Hen*, a publication devoted to the poultry industry, and has been a potent factor in the upbuilding of the business in this section.

"Mr. Audigier has been a special friend of the Georgia Poultry Association, for it was through his instrumentality that the association received from *The Industrious Hen* a donation of \$50 to the general fund, and in addition to this a handsome silver loving cup, and through its columns that wide publicity so essential to the success of these exhibitions.

"Mr. Audigier is secretary-treasurer of the Newman Company, large publishers, of Knoxville, Tenn., and while his manifold duties in connection with this business demand a great deal of his time, he has always managed to devote sufficient time to his poultry paper to keep it in the front rank, and its advertising columns attest its popularity and the appreciation of the breeders of its recognized value as an advertising medium.

"He attended the recent show of the Georgia Poultry Association, and at the banquet tendered by *The Georgian* at the New Kimball house to the visiting poultrymen and members of the local association, was called upon to respond to the toast of "The Press," which he did with honor to himself and credit to the subject. He was enthusiastic in his praise of the exhibition, and during his stay paid a visit to most of the large plants in and around Atlanta.

"The South and the poultry fraternity are to be congratulated for the wonderful strides made in poultry culture, and we are glad of the opportunity to accord to Mr. Audigier and his admirable publication the full measure of credit that is due both in the part they have played in its upbuilding. They deserve the support they are getting, and we wish him many more years of success in his chosen field.

Poultry Association at Columbus.

The Columbus (Ga.) Poultry Association was organized in that city recently, the charter accepted, and the following officers elected: President, J. B. Banks, first vice-president, George B. Young; second vice-president, Mrs. T. U. Butts; secretary and treasurer, John S. Jenkins; directors, C. R. Humber, P. E. Dexter, L. F. Meyers, J. P. Layfield, W. Clyde Lawrence, S. D. Wright and W. H. Caffey. All the officers and directors are

enthusiastic chicken fanciers, several having won handsome prizes in Atlanta and other places. It was decided to hold a poultry show here some time in the fall, the details of which are yet to be arranged.

A Settin' Hen.

When a hen is bound to set,
Seems as though 'tain't etiket
Dowsin' her in water till
She's connected with a chill;
Seems as though 'twas skursely right
Givin' her a dredful fright.
Tyin' rags around her tail,
Poundin' on an old tin pail,
Chasin' her around the yard
—Seems as though 'twas kinder hard,
Bein' kicked and slammed and shooed
'Cause she wants to raise a brood.
I sh'd say it's gettin' gay
Jest cause natur' wants its way.
—While ago my neighbor, Penn,
Started bustin' up a hen;
Went to yank her off the nest,
Hen, though, made a peck and jest
Grabbed his thumbnail good and s.out.
—Like to yanked the darn thing out,
Penn he twitched away and then
Tried again to grab the hen;
But, by ginger, she had spunk,
'Cause she took and nipped a hunk
Big's a bean right out his palm
Swallowed it, and cool and calm,
Histed up and yelled "Cad-dah!"
—Sounded like she said "Hoo-rah!"
Well, sir, when that hen done that,
Penn he bowed, took off his hat,
—Spunk jest suits him, you can bet—
"Set," says he, "gol darn ye SET!"
—H. F. DAY.

Introducing New Blood.

One of the first questions invariably asked by the new or interested beginner is "how often is it necessary to introduce new blood?" There seems to be a deep-rooted suspicion in the minds of many that to breed along with one line of blood without purchasing a new male or something of that nature will very quickly work the worst consequences imaginable. This should not be so, as practical and well informed breeders know that in introducing new blood he has the greatest cause for concern. Nearly all the superior breeds and varieties of horses, cattle, sheep, poultry and other live stock has been produced by close in-and-in-breeding, or what is otherwise termed as line breeding, and breeders who out-cross year after year, by purchasing new male birds, etc., will seldom produce a fair percentage of average specimens because the many unknown factors in the new blood introduced will constantly crop out in a multitude of undesirable features. We advise the novice to adhere as closely to line breeding as possible if he wishes to attain the greatest success. The only factor to guard against in selecting the birds is strong vitality and vigorous constitution. When this is paramount the matter of relationship may be safely

eliminated. It is quite true that the correct markings, uniform type and multiple coloring can best be sustained by such practice, and it has also been demonstrated that heavy laying has been produced in a like manner. It is merely a question of vigor of constitution and not relationship.—*Poultry Husbandry*.

Remember that laying hens should have plenty of exercise to stimulate good health and to transform food into eggs. See that the hens scratch and exercise their bodies even if they are confined within close quarters. This will be necessary if the egg production is normal.



\$5.00 BUYS A TRIO

of Wilkins' "None Whiter" Wyandottes young stock. R. B. Wilkins, R. F. D. 1, OPELOUSAS, LA.

S. C. W. LEGHORNS

Are Bred for Heavy Laying and Exhibition Quality. If you want the BEST for Foundation Stock or New Blood, send me your orders for Eggs for Hatching and Baby Chicks. No order too large or small. My Mating List tells all about them. Write for it now.

N. V. FOGG, Box A, Mt. Sterling, Ky.

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Of Diamonds, Watches Jewelry, Silverware in Chests, Sets or Single Pieces, Cut Glass, Art Wares, Prize Cups, and Wedding or Social Engraved Stationery.

It will pay you to visit our long Established Store, or send for free illustrated catalog. Reliable goods only, at moderate prices. We engrave free and neatly case Wedding Gifts.

Our Repairing and Our Optical Departments are in charge of experts.

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The Popular Jewelers and Opticians,
409 Gay Street Knoxville, Tennessee

R. C. RHODE ISLAND REDS

EXCLUSIVELY

My birds have the typical R. I. Red Shape and Color, and are bred for Heavy Winter Laying and Exhibition Purposes. I have a few breeding hens for sale. Incubator eggs cheap during the summer months. Let me book your order for exhibition or breeding stock. Satisfaction guaranteed.

MRS. H. R. NUSZ,

Box 301,

Cecilian, Kentucky

EGGS AT HALF PRICEHOUDANS of Perfection,
S. C. BROWN LEGHORNS of Quality,ZEBRA BARRED P. ROCKS,
INDIAN RUNNER DUCKSSend for our free catalog, it is instructive
to chicken raisers.**IDEAL POULTRY FARM**

MONYHAN & KIRBY

Box 1

Orleans Indiana

ORPINGTON SALEJust bought new farm. Must move loose
birds at any price. Eggs reduced. \$30 eggs
now \$10; all others half price. Sale bulletin
free. **CHEVIOT FARMS**
Cincinnati : : Ohio**WOLFE'S REDS LEAD THE WORLD**HALF PRICE now for all eggs. Get eggs from our famous hens, "Polly," First Providence, First
Frankfort, First Knoxville, First Cleveland, etc., and First Ogdensburg Cockerel, 1908, at half price,
and raise some \$100 Reds. **BREEDING STOCK** for sale at a bargain in pairs, trios or pens. Baby
chicks and older chicks from all matings at fair prices. Send for mating list and prices on birds.**CLINCHFIELD POULTRY YARDS,**
George L. Wolfe, ProprietorRogersville,
Tennessee.**Ferguson's Wyandotte Yards**

NEW MIDDLETON, TENN.

Eggs only for sale from one of the best strains of **White Wyandottes**
and **Silver Wyandottes** in the U. S. A. Eggs, \$1.50 per setting.**S. C. WHITE LEGHORNS**Did you know there is no strain that will excel the "PIEDMONT STRAIN" of
S. C. WHITE LEGHORNS? If you want winners and heavy layers, send us your
orders; we are the originators. Eggs \$1.50 to \$10 per 15; \$6, \$10 and \$25 per 100.**TURLEY & SCOBEE, Box A, Mt. Sterling, Ky.****SMILEY'S SPECIAL HOUDANS**75 One Year Old Hens, all laying, \$1.25 each
These Hens are standard in all sections**T. B. SMILEY : Matthews, Ind.****HARP'S ORPINGTONS**

SINGLE COMB BUFF

Prize winners at Kentucky State Fair; Tennessee State Fair, Nashville, Tenn.; Appalachian
Exposition, Knoxville, Tenn.; Kentucky State Show, Lexington, Jan. 1911.**ROGER V. HARP : Short Street, Lexington, Ky.**
MATING LIST FOR THE ASKING**THE REASON THE LEADING POULTRY PRODUCERS
USE SIXEAS' FAMOUS LICE POWDERS**Is that they are so easily applied and a single application will
exterminate all lice and mites on turkeys, chickens and stock,
purify the coops and make them germless and keep the fowls
free from the ravages of roup, cholera and gapes. Sold by**GEO. SIXEAS : : New Castle, Va.**
Reliable agents wanted. Price 25 cents per can by mail**CAMPBELL'S HIGH-SCORING EXHIBITION****Single Comb BUFF LECHORNS**always in the lead as Blue Ribbon Winners wherever shown. At the great Appalachian Ex-
position, Knoxville, Tenn., won eleven ribbons on seven entries, including specials for
shape and color, also silver medal and diploma for best cockerel in Mediterranean class.

WRITE FOR MATING LIST

MRS. C. B. CAMPBELL, Asheville, N. C.
Member and State Vice-Pres. American Buff Leghorn Club. Sec'y of N. C. Branch A. P. A.**A WONDERFUL INVENTION****CLARK'S DOUBLE ACTION COM-
BINED CULTI-
VATOR AND
HARROW**, can be
used to cultivate
crops in rows, as a
Listing Harrow,
and when closed
together is a Disk
Harrow cutting 4½
feet wide. Drawn by two medium horses.
Jointed pole. Perfect centre draft. A labor
saver. Send today for **FREE Booklet.**
CUTAWAY HARROW CO., 95 Main St., Higganum, Ct.**Casey's "Chicken Factory"**Seventy-five thousand birds will be
the 1912 output of I. D. Casey's "chick-
en factory," near Waitsburg, Wash.,
south of Spokane, if the owner's plans,
now in preparation, are carried to a suc-
cessful conclusion. Casey started in
the business six years ago with a cap-
ital of \$140. His holdings and stock
have an assessed valuation of \$15,000
today and he expects to clear up fully
\$8,000 more this season. His story fol-
lows:"I was ramifying around doing odd
jobs and such like in and about Waits-
burg, and about six years ago I made
up my mind to break into the poultry
industry. I had given the proposition
much thought and investigation and
the business appealed to me as being
chuck full of opportunities for the man
who was willing to qualify."I had something like \$140 then. I
got hold of a piece of land near Waits-
burg and invested the savings of 35 years
in assets; that is to say, fencing, lumber,
eggs and the like. Well, that \$140 in-
vestment has paid me wonderful re-
turns—about \$15,000."I expect to hatch 35,000 chickens
this season and I have orders already
for 30,000. The prices of these chick-
ens will range from \$12.50 a hundred
to \$8 a dozen, but the average price
is probably around 40 cents. There is
more than 50 per cent profit in chicken-
raising as I have found it. If my plans
materialize I shall double the present
capacity of my plant this season, so that
I will be in position to put out from
60,000 to 75,000 birds in 1912.

"The day-old chick business is just

B. P. ROCKS, S. C. W. LEGHORNSEggs from stock full of vigor, size, beauty and
utility. Won at Nashville, Sept. 1910, 1st cock;
Appalachian Exposition, 3d cock, 4th hen; Leb-
anon, 1911, 1st cock, 1st and 3d hen, 1st pen and
3d cockerel; Leghorns, 1st cockerel, 2d pullet; at
Nashville 2d pullet. Orders promptly filled.**MISS ELLA DAVIS, R. 2, Mt. Juliet, Tenn.****Here is the Paper you are looking for**You can make money from your poultry
if you read the **IDEAL POULTRY
JOURNAL**. Each issue is full of poultry
information. Illustrated Profit-Increas-
ing Articles, telling all about successful,
natural and artificial incubating and brood-
ing, profitable broiler and roaster raising
and egg production; mating, exhibiting
and judging, building poultry houses,
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We are breeders and exhibitors of high grade **LIGHT BRAHMAS** and **BARRED PLYMOUTH ROCKS**. Choice stock for sale at all times. Also General Agents for the **NORWICH AUTOMATIC EXERCISER** and **FEEDER** and the **RIVER HOME POULTRY DRINKING FOUNTAIN**. Send today for free booklet explaining 30 days free trial offer. Address

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POULTRY FENCE

STOCK STRONG—RUST PROOF
Bottom wires 1 inch apart. Will not sag or bag. Requires no boards—top or bottom—and fewer posts. Costs less than netting. We pay freight. Send for Catalog. The Brown Fence & Wire Co. Dept. 37 Cleveland, Ohio.

in its infancy and particularly in the Inland Empire and throughout the northwest, where the demand far exceeds the supply. I have an incubator with a capacity of 5,000 eggs, and others holding 1,500 eggs. We raise baby chicks, utility matings, S. C. Black Minorcas and show matings, and sell chickens of all ages and eggs that are guaranteed to be fresh. We 'make good' with our people.—**AUGUST WOLF**, Spokane, Wash.

Poultry In Europe.

At a recent meeting of the Bangor, Me., poultry association, Dr. Raymond Pearl, of the University of Maine Experiment Station told of his observations of poultry in Europe.

Speaking of his visit to poultry plants in England, Dr. Pearl told particularly of a co-operative society that he thinks would work well in this country. Members of the society take their eggs to the plant, have them hatched and then take the chickens home to raise, or they can sell or exchange their stocks in any way they see fit. It is a regular farmers' exchange for poultry of all grades and conditions.

Dr. Pearl said that he found poultry management in France on the down grade, and stock that was of inferior grade, and, in many cases, diseased. He spoke particularly of the fattening plants in Belgium where farmers use the crate-feed system with much success. Buttermilk and buckwheat meal are largely used by the Belgians in fattening their stock.

In Holland, Dr. Pearl said he saw one of the best and most complete private poultry plants he ever saw. He said that the owner had invested \$20,000 in the plant from first to last and outside of the first five years, when

he operated it at a loss his investment had returned him an income of 10 per cent net.

Dr. Pearl told particularly of a hatch of chickens made on this plant in the month of December. The incubators were filled with 1,553 eggs and at the end of the period of incubation there were 840 chicks. At the age of 12 weeks, 700 of these chickens were marketed. While in Holland, Dr. Pearl said he saw a man who has developed a breed of Black Crested White Polish, but is not yet ready to show them.

In one place in Holland, Dr. Pearl came across a peculiar breed of hens which he thinks cannot be found in any other part of the world. These hens have a swamp for ranging territory, and Dr. Pearl said it was no exaggeration to say that they could eat the head off the top of a barrel. They are bred something on the line of the Plymouth Rock, but have feathered legs.

Capons

Do you raise capons? If not, why not?

This is the season of the year to take up this proposition, and to get in line for your share of capon profits.

Capons are easy to make, easy to raise and easy to sell for the high money. There may not be a market for old roosters, but there is always a market for capons and at figures that will do you good. If your stock is the ordinary barn-yard variety you can make your surplus roosters, all legs and craw, into silent and succulent capons. If you raise thoroughbreds, it pays to make the culls into capons and thus avoid cheapening your stock.

If you will send a postal to Geo. P. Pilling & Son Co., 23rd and Arch Sts., Philadelphia, Pa. they will send you a book telling you how to make, care for and market capons. Write them today.

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PEERLESS GAPE-NIT CO. : 833 Gordon St. : ALLENTOWN, PA.

THE CURE THAT CURES GAPE. No matter how bad the case. Kills both germ and worm. Prevents little chicks and young turkeys getting Gape. 25c, 50c and \$1 postpaid. **PEERLESS CHOLERA CURE** never fails

WHITE WYANDOTTES

That have gotten their share of honors in the show room. Some one and two year old Hens and Cocks for sale now. Young Stock after September 1, 1911. Eggs at summer price \$1.50 per 15.

OLIVER RUTHERFORD, Box 77, Eutaw, Ala.



LAMBERT'S DEATH TO LICE

insures clean fowls—large profits. Absolutely safe, sure and quick in results. If not at your dealer's, send 10 cents for sample of powder for hens, or of ointment for head lice on little chicks. Valuable booklet, "Eggs and How To Get Them" for 2c stamp. **O. K. STOCK FOOD COMPANY** 333 Traders Bldg., Chicago, Ill.

Single Comb RHODE ISLAND REDS

FIRST PRIZE WINNERS

Memphis, Little Rock, Hot Springs, Fort Smith, and in every contest entered for the only two seasons showing. 200 January, February, and March chicks growing for those early fall shows. If you want a bird that will WIN at a moderate price, write me. A few young hens and two yearling cocks for sale at a sacrifice. Eggs balance of season, \$1.50 and \$2.50 per 15.

Life member A. P. A.

Satisfaction guaranteed

W. F. KILMAN, Red Specialist, Bald Knob, Ark.



HARP'S CHICK Water and Feed Founts

Save the little chicks from drowning. Keep the little chicks growing. 15c Each; 6 for 85c; \$1.60 per Dozen. Postage 5c each extra. Special offers to Supply Dealers.

HARP-JOHNSON CO.
Box 356 : : Lexington, Ky.

WHITE WYANDOTTES

Strong, Vigorous,
Healthy, Farm Raised

Some very choice stock for sale. Eggs for hatching. Very heavy layers
WOODMERE FARM FOUNT H. RION BRENTWOOD, TENN.

ORPINGTONS, Buff, Black, White

Are the best. Some choice breeders for sale. Eggs from run of the pens, \$1.50

PAUL & HUBERT MASON, : : : Shellman, Ga.

BARRED ROCK EGGS

From the Best Barred Rocks in the South. I breed the best and my Show Record will show the quality of birds I breed winning highest honors at every leading show entered. No better birds for winning or laying in the South than Wood's Barred Rocks. Eggs from Fancy Prize-Winning Stock, \$3 per 15, \$5 per 30. A good hatch. Order today.

JAS. B. WOOD, Box 30, Brooks, Ga.



Mammoth Bronze TURKEYS For Sale

Old and young stock from two magnificent flocks, mated for largest size and best plumage. When buying be sure you buy the best. My breeding toms for six years have weighed from 43 lbs. to 50 lbs. at 18 and 20 months of age. Won many prizes in the leading shows, scoring from 96 to 97½ points. I can furnish you young stock that will grow that way for you. Do not delay buying your breeding stock early.

Also Barred Plymouth Rock Chickens from the best prize winning blood.
MRS. J. C. SHOFNER, - - - Route 1, Mulberry, Tenn.
BOONEVILLE POULTRY YARDS

HOUDAN'S

"Worth while." Are you acquainted with MISS HOUDAN? The greatest utility chicken on earth. Send for my catalog today, get posted on them, and you will never regret it. They are coming to the front.

DR. G. G. BILLMAN - - - Box H, Evansville, Indiana

TERRELL'S S. C. R. I. REDS

Bred for utility, also fancy points. My birds have been winners since 1904 at such shows as Aberdeen and Meridian, Miss.; Nashville and Bristol, Tenn.; Augusta and Atlanta, Ga.; Charleston, S. C.; Houston and Marshall, Texas; Birmingham, Montgomery and Mobile, Ala.; also in the hands of my customers at many of the big Southern Shows, such as Dallas and Ft. Worth, Texas, Oakland, Cal., and Portland, Ore. EGGS—Prize mating, \$5.00; Special mating, \$2.00—half price after May 1st. Some good breeding stock for sale. Write for circular of winnings and matings.

L. K. TERRELL, Birmingham, Ala.

A Bargain For Barred Rock Fanciers

We have broken up our small breeding pens, but have placed all cockerel-bred birds in one large yard and all pullet-bred birds in another large yard. Not a bird in either yard scoring less than 85 points, and from that up to 92 point prize winners. From now on we offer eggs from either pen at

\$1.50 Per 15

A LIFE-TIME OPPORTUNITY

MAYFLOWER POULTRY YARDS

H. L. STERNBERG, Prop. P. O. Box 34, PINE BLUFF, ARK.

Macnair's Chicken Powder

is Life to Chickens and Turkeys;
Death to Hawks!

Cock of the Walk



I take Macnair's Chicken Powder and feed my children with it too. Look at me and observe the Hawk. Cock-a-doodle-doo.

"HAWK"

The Barn Yard Robber.



Died after eating a chick of that old Rooster, which had been fed on Macnair's Chicken Powder.

Alas! Alas!
(Trade Mark)

Macnair's Chicken Powder

Kills Hawks, Crows, Owls and Minks.

Best remedy for Cholera, Gapes, Roup, Limber Neck, Indigestion and Leg Weakness. Keeps them free from Vermin, thereby causing them to produce an abundance of eggs.

Price 25 and 50 Cents.

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W. H. MACNAIR CHICKEN POWDER CO.
TARBORO, N. C., and NORFOLK, VA.

Address Norfolk, Va., Box 308.

Sample Package 25c with Your Dealer's Name

Enriching the Lawn

The disposition of hen manure is a problem for some suburbanites who keep poultry. One poultryman's experience may be of use to others. The droppings are gathered weekly, or oftener, and spread directly on the grass land, even though there is snow on the ground. Continued practice of this has led him to believe that the grass plants derive much more benefit from the manure thus applied than if it is spread in the spring.

Each fall, several loads of dry loam are stored for winter use. After each cleaning of the dropping boards, an inch of this dry loam is spread on the boards to catch and hold the droppings.

For those who have lawns, the application of hen-manure now will make the lawn better. As the manure is strong, use it sparingly. Yet an overdose will not do nearly so much harm as if applied in spring and summer, as the water from the melting snows will dissolve and carry the fertilizing constituents in to the soil gradually.

Lime is also a good fertilizer for lawns, for it puts the soil in good condition.

The suburbanite can easily apply it. Buy a barrel of lime in the spring and put it in the cellar. It will help to keep the cellar dry during the summer, by absorbing moisture and slacking. In the fall this can be spread on the lawn at the rate of a couple of handfuls to each square yard.—*Suburban Life*.

WHITE WYANDOTTES

PRIZE WINNERS, EGG LAYERS

Some choice cockerels for sale. Eggs for setting.

W. W. EARLY
Box 1 : : : Lexington, Kentucky

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The Quality POULTRY and GARDEN FENCE

Stretch "Pittsburgh Perfect" Fence 'round your poultry yard, and note how much better it looks than the old fence it replaces—the air of distinction it gives to the whole premises. Observe how it actually keeps in the smallest chicks, and keeps out all wild and domestic animals. As years roll on, you see no spread stays, no rusted, broken and loose wires, no sagging between posts; instead, the fence remains erect, even and firm, because it is essentially a service fence of highest quality. Yet it costs no more than an inferior fence.

All "Pittsburgh Perfect" Fence is made from Open Hearth wire, tough, strong, durable like old time iron wire, and perfectly galvanized with pure zinc by our exclusive process. At every point of contact the wires are

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This feature is found only in "Pittsburgh Perfect" Fence, and doubles its strength, durability and appearance over all other fences.

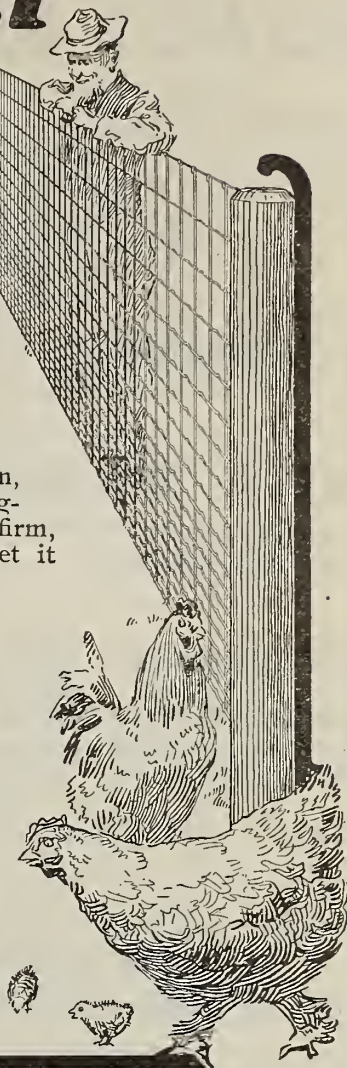
EVERY ROD GUARANTEED PERFECT

Write for catalogue showing 73 different styles and sizes, adapted to every FIELD, FARM, RANCH, LAWN or POULTRY purpose, or look up the best dealer in your town—he handles "Pittsburgh Perfect" Fence exclusively.

Pittsburgh Steel Company

PITTSBURGH, PA.

MAKERS OF "Pittsburgh Perfect" Brands of Barbed Wire, Bright, Annealed and Galvanized Wire, Fence Staples, Standard Wire Nails, and "Pittsburgh Perfect" Fencing.



The Low Price of Eggs.

Eggs came down in price very early this season. About once in so many years the price of eggs fall off and for a whole season they sell low. This is a good thing for the poultry industry. When eggs get low in price thousands of families that have regarded them as akin to luxuries begin to eat them freely and the consumption is greatly stimulated. When once people begin to eat eggs they never quite give them up afterward, no matter what the price may be. If we can persuade people to begin eating eggs, they are ours after that. This increased consumption causes prices to rise and it invariably rises to a higher level than they were before the slump. Then the poultryman recoups himself for his losses and his profits become greater than ever. Even at the low price of this spring there is more profit in eggs than in raising hogs or any other farm stock.—*Poultry.*

Avoid Crowding.

Nothing ever happens without a cause. One of the things that will surely cause sickness among chickens is crowding 150 fowls into a house large enough for only fifty or at most, seventy-five.

White PLYMOUTH ROCKS

DIRECT FISHEL STRAIN EXCLUSIVELY

"The Best Yet for Every Purpose." Won at Macon, 1910—1st pen. 1st cockerel, 2d and 3d pullet on five entries. No old stock shown. Eggs, \$1.50 and \$3.00 per 15. Write for 1911 mating list.

WALTER M. ROGERS : : Ocilla, Georgia

S. C. WHITE LEGHORNS

BEST QUALITY ONLY. In four shows, three of the best in the South, won very near every first. At Ashville—1 cock; 1, 2 cockerel; 1, 2, 3 pullet; 1 pen; have not had full report. Gastonia—1 cock; 1, 2 cockerel; 1, 2, 4, 5 pullet; 1 pen; specials, and best pair and pen in show, all varieties. Hickory—All first and specials for best pullet and cock in show. Charlotte—1, 2 cockerel; 1 pullet; \$100 special for best male bird in show and other winnings. Cockerel declared to be the most magnificent specimen in shape, color and size ever shown in the South. Write for prices of eggs from these fine birds.

GEO. E. BISANAR : : Hickory, N. C.

Frank's S. C. R. I. Reds

Memphis, 1911—1st cockerel, 2d hen, 3d pullet. 4th pen; 1910 2d cock. Nashville, 1910—1st cockerel, and best in show. 2d and 3d cock, 2d and 4th hen, 4th pen; 1911, 2d and 4th cockerel, 4th pen. Eggs, \$2.00, \$5.00 and \$10.00.

JAMES M. FRANK Cherry, near Church Nashville, Tenn.

Prize-Winning S. C. Buff Orpingtons

Eggs half price the balance of the season. I will also offer a cock bird, winner of three first prizes, and seventeen fine one-year-old pullets, some of them prize winners, for sale at a reduced price, to make room for young stock.

G. B. MOORHEAD : Lynchburg, Tennessee

REST AND HEALTH TO MOTHER AND CHILD.

MRS. WINSLOW'S SOOTHING SYRUP has been used for over SIXTY YEARS by MILLIONS of MOTHERS for their CHILDREN WHILE TEETHING, with PERFECT SUCCESS. It SOOTHES the CHILD, SOFTENS the GUMS, ALLAYS all PAIN; CURES WIND COLIC, and is the best remedy for DIARRHŒA. It is absolutely harmless. Be sure and ask for "Mrs. Winslow's Soothing Syrup," and take no other kind. Twenty-five cents a bottle.

BALLARD'S BUFF ORPINGTON SALE

THE TIME IS RIPE---DON'T MISS IT

To make room for my one thousand growing, hustling youngsters and to give me quick cash to build more houses, I will sell about half of my choice breeders. Do you need a few good pullets or an extra cockerel? All 1910 hatched. You know the quality. Shipped on approval. Eggs also half price. Your last chance. Get my mating list quick.

W. H. BALLARD

R. F. D. 5

Memphis, Tenn.

WHITE WYANDOTTES of Quality

Heaviest Egg Strain in the State. Eggs—\$2.00 and \$3.00 per sitting, \$7.00 per 100. **BEAL & DAVIS** Gastonia, N. C.

Buff Orpingtons, R. I. Reds, Black Minorcas, White Wyandottes, Barred Rocks, B. C. Bantams, White and Brown Leghorns

Highest awards at Jamestown, St. Louis, Memphis, Nashville, Birmingham, Montgomery, Florida, Atlanta, Huntsville and Chattanooga. Eggs, \$2.00 to \$5.00 per 15, from prize winners.

FORBES POULTRY YARDS --:-- New Decatur, Ala.

WINNERS GREAT APPALACHIAN EXPOSITION SHOW WILBER'S WORLD'S BEST SINGLE COMB WHITE LEGHORNS, INDIAN RUNNER DUCKS

Blue ribbon winners America's best shows. Hundreds of fine breeding cocks, cockerels, hens, pullets, \$2, \$3, and \$5; extra fine ones \$10. Eggs, \$2, \$3, and \$5 per setting. Special prices on larger lots.

WILBER BROTHERS, Route 4, Box G, Cleveland, Tennessee
1911 Matings Best Yet. Handsome Catalog for Stamp.

"Golden Dragon" BUFF COCHINS

ARE STILL ON TOP

At the recent Augusta Show they won the silver cup for the BEST PEN OF ASIATICS For the Second Time. My birds have won some of the most coveted prizes at Madison Square Garden, Indianapolis, Augusta, Asheville, Charlotte and other shows. Season of 1909-10 they won over SEVENTY REGULAR and SPECIAL PRIZES. If you appreciate high-grade stock, it will pay you to write me for prices. They are not low, but are in keeping with the quality of the birds.

C. W. BEST

P. O. Box 101G

Charlotte, N. C.

Assistant Secretary American Buff Cochins Club

Life Member A. P. A.

Dozier's Famous Barred Rocks

Best in the South. No stock for sale—sold out. Will begin to sell this year's breeders after May 1st. Eggs for Hatching—\$3 and \$5 per 15 up to May 1st; no eggs for sale after that date. Write for booklet. * * * *

C. H. DOZIER & SON

: Marion, Alabama

SICILIAN BUTTERCUPS

DUMARESQ STRAIN

Stock from Ribbon Winners for sale. If you want genuine Buttercups, send for my circular.

MRS. J. S. DUMARESQ, Cato's Hall, Easton, Md.



**COCKERELS
\$2.00 EACH**

Three for \$5.00, Six for \$9.00
From my \$10.00 egg March hatch

I have "BROWN BEAUTY" females which began to lay at 4 months and 10 days old.

These Cockerels are ideal for producing early and persistent layers. Place your order to-day.

J. H. HENDERSON, Knoxville, Tenn.

Breeder of Brown Leghorns since 1890

Cary's Fine Catalogue.

L. G. Cary, of Trimble, Ohio, the noted breeder and originator of "Red Quill" strain of Rhode Island Reds, has issued a handsome catalog, which should be in the hands of every man who contemplates going into the poultry business. He is now selling eggs at half price, which fact should be eagerly taken advantage of by the buying public. His winnings include some of the most noted shows of the country.

\$500.00 in Buschman Prizes

Will be given to the prominent shows held in Ohio, Indiana, Illinois, Iowa, Missouri, Kansas, Texas, Michigan, Wisconsin, Minnesota, Kentucky, Tennessee, and other states, for the best cockerel and pullet awarded a prize and hatched from C. L. Buschmann's R. C. Rhode Island Red eggs. \$5.00 in gold or silver cup for best cockerel and \$5.00 in gold or silver cup for best pullet. The poultry shows are to be selected and announced later, and Mr. Buschmann himself will not compete for these prizes. This will no doubt prove to be a stimulus to breeders who have bought eggs of Mr. Buschmann, and will eagerly be taken advantage of.

Galesburg Fancy Poultry Plant.

The Galesburg Fancy Poultry Plant, Dr. J. C. Holloway, Prop., has issued one of the neatest S. C. White Leghorn catalogues that we have ever seen. In reference to securing foundation stock in White Leghorns, Dr. Holloway has this to say in his catalogue: "The foundation is everything in a flock of birds; for there is more in the ancestry, the stock, the blood, than in individual specimens. You have strong possibilities to draw from. But when you get both good individual specimens and the right ancestry, you cannot help but succeed." This is a great truth—an absolute fact. Dr. Holloway's catalogue is brimful of good advice, and is free for the asking. Address him at Galesburg, Ill.



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quick as lightning if you use Electric Fish Bait. Write today and get a box to help introduce it. Enclose 2c. stamp for catalogue and special offers. **EASTERN SUPPLY CO., Dept. 39, Flint, Mich.**

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Investigate the opportunities that Michigan offers the home-seeker. Each issue of The Fruit Belt describes some section. Send 10 cents for 5 big special numbers. We have no land for sale.

THE FRUIT BELT

5 South Iona Street

Grand Rapids, Mich.

Southern Poultry Shows

Monroe, La., Show.

At a meeting of the poultrymen of Monroe, La., held in that city April 21, the Ouachita Poultry Association was organized, absorbing the Monroe Poultry and Pet Stock Association and all other conflicting organizations both in Monroe and West Monroe, making a very strong organization. The officers elected were, Mynatt McLendon, president; J. T. Ellis and C. E. Fountleroy, vice-presidents; C. E. Faulk, treasurer, and E. S. Eby, secretary. The poultrymen who compose the executive committee are, Thos. Simonton, H. M. McGuire, W. E. Allen, H. S. Williams, E. S. Harper and Edward Johnston. Dec. 6-8, 1911, are the show dates. A fee of \$1.00 for membership, limited to poultrymen of that section and adjoining states.

Greenville, Texas

The North Texas Poultry Association will hold its fourth annual show Nov. 29-Dec. 2, 1911. The judge selected is J. C. Scaggs of farmersville, Tex., and the judging will be by comparison. The association has its own coops and is looking forward to a big show.

Huntington, West Virginia.

Huntington, W. Va., show will be January 1 to 5 inclusive. The officers of the association are as follows: Dr. A. K. Kessler, president; G. M. Mossman, secretary; William J. Howell, show superintendent; C. P. Sanborn, show secretary.

Morristown, Tenn.

The Hamblen County Poultry Association held a very enthusiastic meeting recently at Morristown, Tenn. The report of the committee appointed to draft and submit a constitution and by-laws was read and adopted. The annual show will be held in Morristown Dec. 7-9, 1911. Judge D. M. Owen, of Athens, Tenn., will place the awards. At this meeting secretary Barrett reported the addition of 27 new members, which will give the association a membership of about 125. This is probably the largest county association, in point of number in the South.

White Wyandottes

All of my breeders are above standard weight, pure white and fine bred. Eggs, \$2.00 per 15.
H. E. MONT OMERY. Meridian, Miss.

WANTED Furs, Hides, Wool, Beeswax, Cow Peas, Ginseng, all kinds of Roots and Herbs. Write for free price list.

J. E. HARRIS

109 W. Jackson Avenue KNOXVILLE, TENN.

"Only" Rose Comb Rhode Island REDS

Won again at Great Hagerstown Show, Oct. 1910: 2d and 3d cock; 2d hen; 3d cockerel; 2d, 4th and 5th pullet, and 1st pen. This with my winnings heretofore certainly prove that I have Reds of great quality. Write your wants. M. C. RICHARDSON, JR., Member of Red Clubs, Front Royal, Va.

Gabhart's S. C. W. Leghorns

My breeding yards now for sale, containing all my high-class exhibition and heavy egg producers. Hens, \$3.00 to \$5.00; cocks, \$3.00 to \$10.00. Fifty utility hens at \$1.50. Remember, these birds have been line-bred for seven years, and I have a show record unequalled in the South. Every bird guaranteed.

W. E. GABHART

Box M

Bohon, Kentucky

Send for HOPE'S New Jewelry Catalogue

Profusely illustrated. It's free on request. Shows the very latest ideas in Fine Jewelry, Tennessee Pearl Jewelry, Watches, Gems, Sterling Silver Novelties, Flatware, Hollowware, Library Cut Glass, Pickard China and other fine Gift Wares. Specialty of Silver Loving Cups for Poultry Shows.

WEDDING INVITATIONS, Announcements, Cards, Stationery, richly and correctly engraved in our own plant. Send for samples and prices.

**JEWELERS
EST. 1868**

HOPE BROS.

**519 Gay Street
KNOXVILLE, TENN.**

Tri-State Poultry Show.

The Tri-State Poultry Association, at Memphis, Tenn., will have charge of the poultry show to be held in connection with the Tri-State Fair, Sept. 25 to Oct. 4. President J. T. Morgan writes that they have engaged Messrs. Maurice F. Delano, Vineyard Haven, Mass., Richard Oke, London, Ont., and H. W. Savage, Belton, Texas, to judge this show. These men are at the top of their profession, and have not only judged at the largest shows in the country, but are practical poultrymen as well. This alone will insure a big exhibit. Memphis will have one of the greatest quality shows ever held in the South. Write R. B. Buchanan, secretary, 322 South Main Street Memphis, Tenn., for information.

Tennessee State Fair Dog Show

Application has been made to the American Kennel Club for license and dates for the Tennessee State Fair Dog Show, which will be held at Nashville, Tenn., Sept. 19-22, 1911. The first annual exhibition was held last year and proved to be such a great success that the association proposes this year to make this department one of the biggest features of the fair, as indications point to the fact that dog fanciers from all over the country will be present. Premium lists and entry blanks will be ready about July 1st. Mr. John A. Murkin will be the director in charge, to whom all inquiries for information should be addressed.

Tennessee State Fair Poultry Show

The Sixth Annual Exhibition of the Tennessee State Fair Poultry Show will be held at Nashville, Tenn., Sept. 18-23, 1911. The Tennessee State Fair show is recognized by breeders and exhibitors over the entire country as one of the greatest and best state fair shows on the American continent, and as a market place for pure bred poultry it is doubtful if there is a show in the Un-

ion that can equal it. The show will be held in a magnificent poultry building; the association owns its own wire front coops with sufficient accommodations for 6,000 birds. Every convenience for handling the birds will be provided. The poultry show at the Tennessee State Fair is one of the greatest attractions at this annual exposition, and thousands of people attend the fair each year for no other purpose than to see the poultry exhibition and to purchase stock and eggs. The premium list which will be ready about July 1st will be the most attractive ever offered by the association. Some of the greatest attractions ever put on at a poultry show in the country will be featured this year. Some of the leading breeders of America are already booked for the Tennessee State Fair show this year and indications point to the greatest poultry exhibition ever held in the South or Central States. Mr. John A. Murkin has again been appointed director of the Tennessee State Fair poultry show, to whom all inquiries for information should be addressed.

ORPINGTON MAGAZINE

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The Baby Chick Industry.

In recent years considerable interest has been taken in the baby chick industry. The chicks are hatched and shipped while yet too young to need food on the journey. It has attractive features for women poultry keepers. We have in mind one woman who can turn out a thousand chicks in one day and is busy filling orders for day-old chicks. No great capital is needed in this business. You will need several incubators so as to be able to have chicks coming off at all times the number and capacity depending, of course, on the magnitude of the business you expect to carry on. Many a family in the city suburbs or the small town is delighted to get a lot of 50 to 150 fine healthy chicks to rear for their own table use during the season.

The woman who rears baby chicks simply to find a better market for her spring eggs, and to turn her spare time to account, will soon find her business growing if she is a good business woman. Soon she will be buying eggs from her neighbors to supply the demand for her chicks. There is no chance for an unscrupulous customer to put in a complaint of infertile eggs or chicks hatching out at all colors and breeds with the hope of getting the order duplicated free or at half price. The producer must, of course, be very particular about the eggs she uses so they will bring out fine healthy chicks, true to name, if she is selling pure-breds. She can, however, by arranging for eggs from a number of reliable neighbors, agree to furnish several varieties and thus enlarge her scope without keeping a number of breeds of fowls with expensive pens and separate buildings for housing. She should be very careful about the reliability of the eggs she buys. In some varieties it is possible to pick with a reasonable degree of certainty, the cockerels from the pullets, should a customer wish a preponderance of either one or the other sex.

Be sure to select vigorous chicks and see that they are well packed with sufficient covering to conform to the state of the weather. Do not ship them before you have full instructions from your customer. It would be disastrous to have a shipment of day-old chicks come to a depot in cold weather with no

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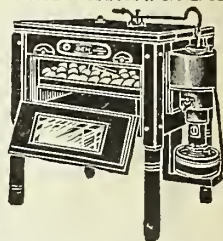
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TROTWOOD, O.



one there to meet them. Give them air and mark the package so there will be no mistake made by the expressman. Some women manage to work up a good trade in day-old chicks among their own neighbors or townswomen. In this case, if the woman is well skilled in the rearing of chicks she sometimes undertakes to get them started to eating, thus aiding the customer in getting a good start.

Prices vary according to the grade of stock from which the eggs came. Common stock can sometimes be purchased at five cents apiece. Better stock sells up to 50 cents each. Of course higher prices are paid for fancy show stock. If you are contemplating buying baby chicks that must be shipped by express, be careful to get them from some one who can reach you direct by rail. Chicks may be safely shipped for long distances, but generally the shorter the distance the better. It is also best to have no changing of express companies if possible. Be at the express office to meet the chicks when they come. Let nothing interfere with this if you wish your chicks to live and be thrifty.

If you never raised little chicks before, make a study of the subject before they arrive. It is best to get in your order early, for often the output is not equal to the demand and you may have to wait your turn occasioning much writing and arranging of details. If you are ordering chicks with a view of rearing them only for table use, do not pay a fancy price for pure-breds. Ten cents each will get you good thrifty stock of a breed well suited for table use. Plymouth Rocks of either variety, Wyandottes or Orpingtons or any of that class are all well suited for that purpose. Do not order Leghorns or Minorcas for fries or broilers. One hundred chicks for table purposes can be reared successfully on a very small plot of ground if strict cleanliness is observed.

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Missouri State Fair, Sedalia, Sept. 30-Oct. 6.
Alabama State Fair, Birmingham, Oct. 6-15.
Georgia State Fair, Macon, Oct. 10-20.
Texas State Fair, Dallas, Oct. 14-19.
Miss-Ala. Fair, Meridian, Miss., Oct. 16-21.
North Carolina State Fair, Raleigh, Oct. 16-22.
South Carolina State Fair, Columbia, Oct. 30-Nov. 3.
Louisiana State Fair, Shreveport, Oct. 31-Nov. 5.
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Cleburne, Texas, Nov. 21-24.
Pine Bluff, Ark., Nov. 27-Dec. 2.
McKinney, Texas, Dec. 4-6.
Little Rock, Ark., Dec. 4-9.
Tupelo, Miss., Dec. 5-7.
Denton, Texas, Dec. 6-8.
Morristown, Tenn., Dec. 7-9.
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Hillsboro, Texas, Dec. 12-15.
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Hancock Inoculum Co.

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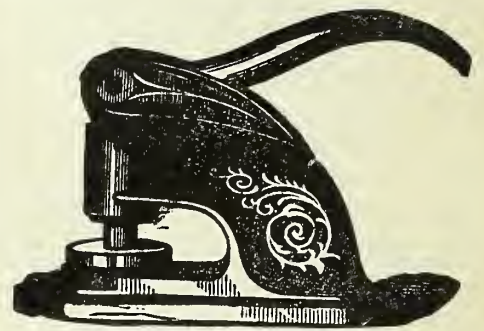
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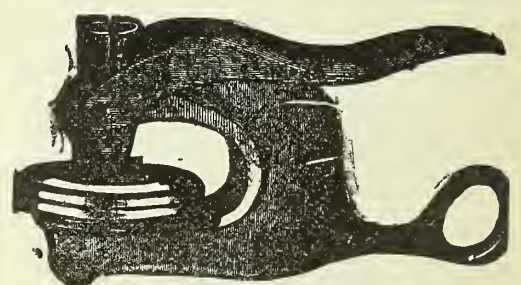


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Have mated a pen of almost perfect birds, free from all foreign color, with a cockerel at the head which is first-class in every respect. A limited number of settings from this pen at \$5.00 per 15. My other pens are all good birds, with quality males at the head, at the usual reasonable price of \$2.50 per 15.

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